

557

HOURLY READINGS
FROM THE
SELF RECORDING INSTRUMENTS,
AT THE
SEVEN OBSERVATORIES,
IN CONNECTION WITH THE

METEOROLOGICAL OFFICE,

Issued by Authority of the
METEOROLOGICAL COMMITTEE.

FEBRUARY, 1877.

Dangerfield, Lath 22 Bedford St. Covent Garden.



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BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.922	29.905	29.900	29.886	29.880	29.878	29.866	29.865	29.861	29.857	29.857	29.861	29.858
2	.875	.855	.829	.789	.759	.714	.680	.639	.604	.563	.578	.611	.647
3	29.973	29.964	29.959	29.947	29.951	29.936	29.941	29.948	29.954	29.973	29.966	29.983	29.987
4	30.065	30.075	30.099	30.126	30.149	30.175	30.198	30.217	30.242	30.255	30.273	30.278	30.277
5	.177	.155	.141	.127	.116	.102	.093	.087	.093	.103	.122	.132	.136
6	.159	.152	.152	.145	.148	.149	.138	.144	.141	.131	.136	.132	.122
7	.075	.079	.078	.077	.075	.071	.078	.094	.109	.136	.144	.160	.158
8	.268	.262	.253	.240	.236	.232	.226	.231	.234	.226	.228	.224	.21
9	.104	.095	30.095	30.094	30.101	30.108	30.104	30.106	30.108	30.102	30.103	30.103	30.091
10	30.019	30.003	29.997	29.990	29.983	29.991	29.997	29.997	29.999	29.994	29.993	29.991	29.961
11	29.817	29.846	.859	.868	.874	.885	.905	.917	.937	.945	.956	.964	.950
12	.665	.624	.605	.582	.624	.643	.673	.699	.711	.728	.751	.765	.756
13	.716	.713	.715	.694	.693	.694	.699	.698	.726	.741	.751	.779	.788
14	.866	.861	.850	.838	.822	.819	.810	.809	.814	.816	.814	.820	.812
15	.697	.670	.644	.621	.592	.569	.550	.527	.518	.509	.551	29.600	29.627
16	29.874	29.870	29.873	29.876	29.895	29.901	29.911	29.941	29.958	29.972	29.989	30.013	30.024
17	30.142	30.144	30.158	30.153	30.160	30.158	30.165	30.174	30.175	30.180	30.173	.171	.161
18	.066	.057	.059	.054	.057	.062	.061	.071	.078	.091	30.092	30.086	30.070
19	30.052	30.045	30.044	30.030	30.028	30.035	30.030	30.028	30.026	30.008	29.987	29.972	29.939
20	29.840	29.845	29.861	29.883	29.896	29.917	29.930	29.937	29.944	29.955	29.947	29.953	29.947
21	30.135	30.150	30.155	30.150	30.165	30.175	30.183	30.186	30.197	30.193	30.181	30.181	30.163
22	.264	.266	.272	.273	.270	.278	.276	.276	.272	.269	.273	.254	.259
23	.161	.176	.192	.213	.220	.231	.239	.252	30.259	30.265	30.272	30.270	30.260
24	30.138	30.112	30.097	30.066	30.054	30.037	30.024	30.017	29.993	29.985	29.976	29.974	29.960
25	29.842	29.820	29.808	29.796	29.785	29.770	29.759	29.753	.748	.746	.734	.724	.711
26	.467	.472	.486	.507	29.561	29.596	29.619	29.667	29.702	29.737	29.770	29.802	29.826
27	29.998	29.998	29.999	29.998	30.004	30.007	30.013	30.027	30.038	30.057	30.056	30.070	30.072
28	30.219	30.221	30.225	30.228	30.231	30.247	30.251	30.254	30.258	30.274	30.279	30.278	30.271
29													
30													
31													

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	50.2	50.2	50.2	50.1	50.2	50.2	50.9	50.3	51.0	51.3	52.2	52.6	52.3	51.8	52.7	52.5	52.4	48.6	49.3	49.3	49.2	49.3	48.7	48.4
2	48.2	47.7	48.3	48.0	48.6	49.2	49.8	50.1	50.8	51.0	51.3	46.9	48.0	46.6	47.0	42.6	42.7	42.2	43.3	43.4	44.0	45.0	45.7	45.0
3	45.7	46.0	46.3	47.3	47.2	47.8	46.7	46.1	47.4	45.0	47.8	45.2	45.9	46.8	45.5	46.3	45.3	45.9	46.1	44.0	44.9	43.5	43.8	42.2
4	43.0	42.0	42.6	43.2	43.1	42.5	44.5	43.0	43.7	43.9	46.0	45.6	46.7	47.2	47.0	46.9	46.7	45.6	46.4	46.5	46.6	47.3	47.1	47.1
5	47.7	48.1	48.7	48.8	48.8	49.2	49.5	49.7	50.3	51.4	51.3	52.0	51.8	51.9	51.8	51.5	50.4	50.0	49.6	49.6	49.8	49.7	50.1	50.3
6	50.4	50.0	49.9	49.8	49.4	49.3	49.8	.98	50.4	50.8	51.8	52.5	52.1	51.7	51.9	51.8	52.0	52.4	52.5	53.2	53.8	53.6	52.9	52.7
7	52.2	51.7	51.5	51.2	50.6	51.0	51.2	50.1	50.3	49.5	48.7	48.1	48.8	49.1	49.4	48.7	48.9	48.8	47.8	47.6	46.9	47.3	46.1	46.5
8	46.2	46.3	44.7	44.2	44.0	43.9	44.3	44.2	*	42.8	46.5	48.3	48.8	49.7	48.1	47.4	46.5	46.4	46.7	46.3	47.5	50.6	50.6	50.6
9	51.4	51.7	51.3	51.1	51.6	51.3	51.0	50.1	50.7	50.8	51.2	51.7	51.6	51.9	51.6	51.5	51.2	51.0	51.2	51.2	51.2	51.0	51.5	51.9
10	51.1	51.4	51.0	51.4	52.0	51.8	50.2	50.6	51.1	51.7	52.1	51.8	51.9	51.8	51.5	51.4	51.3	51.2	50.4	50.2	50.7	51.5	51.7	51.4
11	50.1	48.7	48.5	49.1	49.9	49.8	49.7	48.7	49.7	50.3	50.8	52.0	51.7	51.6	51.5	51.5	50.8	50.6	50.7	50.7	51.2	54.3	51.5	51.2
12	51.2	51.3	51.6	52.7	49.1	49.3	48.4	47.2	46.7	48.7	47.4	48.7	49.7	50.6	50.2	50.2	48.8	49.4	49.3	49.1	49.0	48.8	48.9	48.7
13	48.1	48.7	48.9	48.9	51.3	51.6	52.0	52.0	52.7	52.5	52.3	52.2	52.6	52.0	51.7	52.3	52.1	51.6	52.2	52.2	52.5	52.2	52.1	52.0
14	52.1	51.8	51.8	52.1	52.0	52.2	52.2	52.0	52.3	52.3	52.8	53.4	53.7	53.7	53.7	53.4	52.8	52.5	52.4	52.3	52.1	51.8	51.2	51.2
15	51.3	50.7	50.8	51.2	51.6	51.5	51.7	51.4	51.8	51.3	46.6	47.7	46.3	45.6	45.8	45.7	45.3	43.7	43.3	43.0	43.7	43.9	44.3	44.1
16	44.5	44.6	43.0	43.7	43.6	43.7	43.8	44.7	45.0	45.9	45.7	46.3	46.3	47.0	47.2	46.0	47.0	47.2	46.7	47.4	47.5	47.7	47.7	47.7
17	45.8	47.4	47.9	47.5	47.3	47.3	47.2	47.2	47.7	48.0	49.3	49.4	49.8	49.9	50.0	49.7	49.6	49.3	48.6	48.7	48.9	49.3	49.6	49.8
18	49.0	49.0	46.5	46.2	46.1	45.3	45.8	45.0	46.2	46.6	47.1	46.9	48.2	47.4	47.0	47.5	46.7	44.5	44.2	43.3	42.8	43.4	43.3	42.4
19	41.0	41.5	39.7	40.1	42.5	42.9	42.9	41.3	43.6	43.5	46.0	45.9	45.6	45.9	46.7	47.8	49.3	49.3	50.0	46.8	47.3	46.3	45.6	45.7
20	44.5	46.1	46.3	46.7	46.3	46.7	46.6	46.3	46.2	43.8	46.6	43.8	45.3	47.7	46.1	42.7	40.2	41.8	43.3	44.8	43.3	42.4	42.1	42.5
21	42.8	42.9	43.3	43.2	43.6	43.7	43.7	43.3	44.2	44.3	45.6	45.5	46.2	47.1	45.9	45.0	45.1	44.3	44.5	44.3	43.9	44.2	42.5	42.1
22	42.2	41.3	41.3	42.7	43.2	43.4	43.3	43.6	44.4	46.2	46.3	48.9	46.8	48.1	48.4	47.8	47.5	47.9	48.2	48.0	48.0	47.9	48.3	48.0
23	47.5	47.2	47.2	47.0	47.1	47.2	47.0	47.7	48.0	47.8	48.8	48.8	49.4	49.4	49.8	49.4	48.0	47.7	47.7	47.1	46.9	46.7	46.4	46.3
24	46.9	46.1	46.4	46.5	46.6	47.1	47.9	48.3	49.0	49.2	49.6	49.3	50.1	50.1	50.3	50.1	50.0	49.6	49.6	49.7	49.4	49.7	49.4	49.4
25	49.5	48.8	48.5	47.8	46.8	47.0	47.7	47.3	48.3	48.8	49.6	49.6	49.6	49.7	49.1	49.2	48.4	47.8	48.3	46.9	48.4	48.2	47.3	46.8
26	46.6	45.8	45.7	42.9	44.4	42.9	43.7	39.7	37.6	40.0	43.7	44.2	45.8	46.2	45.6	45.3	44.8	43.5	42.7	42.9	42.4	42.2	42.0	41.9
27	42.1	42.7	42.4	42.6	42.5	42.6	42.9	42.6	44.5	42.8	44.2	43.6	45.0	44.3	45.9	45.8	45.0	43.2	40.4	39.3	38.7	37.4	36.8	36.3
28	35.7	35.4	34.8	35.3	34.3	34.2	34.3	34.2	37.3	39.7	41.5	42.6	44.0	45.5	46.2	45.8	44.3	42.9	43.0	42.7	44.0	44.8	45.0	45.2
29																								
30																								
31																								

HOURLY VALUES

February 1877.

CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
846	29.847	29.851	29.862	29.877	29.894	29.889	29.889	29.894	29.885	29.887	1
716	778	860	888	932	956	983	990	29.988	29.976	29.977	2
975	29.982	29.967	29.968	29.954	29.979	29.988	29.992	30.013	30.037	30.056	3
275	30.265	30.256	30.261	30.264	30.257	30.243	30.237	221	224	193	4
132	143	152	157	163	169	174	166	167	172	163	5
112	101	885	082	081	077	071	068	061	068	073	6
155	153	174	182	204	219	222	239	252	255	265	7
194	185	183	174	169	155	141	119	114	114	108	8
079	30.060	30.054	30.052	30.049	30.042	30.039	30.037	30.035	30.028	30.022	9
939	29.915	29.893	29.881	29.860	29.828	29.789	29.760	29.754	29.763	29.797	10
943	946	931	910	893	874	833	801	763	739	708	11
755	752	744	743	741	730	726	726	717	726	716	12
797	801	819	825	832	832	850	853	850	859	864	13
790	780	768	762	762	764	764	758	753	735	715	14
655	29.669	29.690	29.707	29.747	29.760	29.779	29.800	29.825	29.841	29.871	15
025	30.025	30.031	30.053	30.067	30.093	30.102	30.113	30.120	30.129	30.133	16
148	145	129	127	126	129	118	109	099	086	072	17
058	30.043	30.033	30.018	30.026	30.037	30.043	30.052	30.051	30.052	30.055	18
895	29.842	29.789	29.763	29.741	29.735	29.740	29.759	29.785	29.812	29.823	19
940	29.941	29.958	29.956	29.990	30.024	30.041	30.072	30.107	30.127	30.124	20
146	30.131	30.133	30.129	30.153	169	196	211	233	239	246	21
239	234	204	205	195	194	177	172	166	157	173	22
249	30.237	30.228	30.215	30.204	30.201	30.192	30.183	30.175	30.171	30.155	23
939	29.933	29.918	29.912	29.912	29.913	29.901	29.897	29.882	29.870	29.853	24
684	668	645	609	609	594	564	531	494	472	473	25
849	29.870	29.827	29.900	29.918	29.932	29.950	29.960	29.974	29.982	29.989	26
079	30.073	30.088	30.104	30.123	30.143	30.164	30.177	30.189	30.194	30.208	27
269	30.264	30.244	30.234	30.223	30.234	30.219	30.212	30.208	30.206	30.197	28
											29
											30
											31

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS	
5	493	494	493	494	494	497	499	503	507	513	516	516	514	518	516	513	481	485	484	486	487	483	480	1	
8	472	480	481	480	487	493	497	498	484	418	460	452	413	396	391	373	383	376	*	396	412	418	2		
0	432	439	442	448	446	440	439	434	442	428	435	434	429	429	429	428	429	413	412	411	412	399	3		
3	393	393	398	399	393	407	396	413	409	433	424	433	441	431	438	433	437	435	435	446	451	458	461	4	
7	473	476	478	482	486	489	493	499	507	508	514	511	513	512	508	500	496	493	493	496	496	497	499	5	
0	496	497	496	490	490	492	495	501	504	513	515	509	508	512	513	515	517	517	520	523	520	518	518	6	
6	514	513	510	506	510	512	498	499	488	482	474	483	484	485	479	480	479	463	462	453	453	447	440	7	
5	427	431	430	431	427	425	*	*	418	452	460	465	461	463	461	460	460	463	460	470	502	502	502	8	
6	505	508	507	503	499	497	493	492	490	496	498	497	501	502	501	498	497	498	498	498	497	498	499	9	
7	498	499	502	506	504	493	497	498	501	496	505	501	499	499	492	490	489	493	496	502	511	509	503	10	
8	459	462	473	481	477	477	468	474	473	482	499	488	483	484	487	494	492	494	493	495	497	502	503	11	
6	507	510	518	480	467	450	448	449	454	458	465	468	473	472	470	472	480	479	475	474	477	480	483	12	
9	486	487	487	513	516	517	516	521	519	517	516	518	516	516	516	514	513	513	511	512	510	509	509	13	
7	508	508	508	510	509	509	507	508	509	513	516	516	516	516	513	510	508	507	506	503	499	496	497	14	
4	492	492	496	498	500	503	504	501	500	459	466	448	423	419	410	411	408	403	406	389	388	400	402	15	
2	398	391	399	407	399	406	408	413	417	421	432	440	430	428	430	438	432	424	436	439	443	448	451	16	
0	449	443	441	444	444	443	445	447	456	470	473	475	477	475	474	473	466	472	474	475	478	482	483	17	
5	487	461	456	454	442	445	437	433	437	438	438	440	433	436	427	433	425	413	403	391	384	381	377	18	
3	385	371	376	383	397	397	396	405	415	428	433	443	443	446	467	473	472	471	481	482	480	410	403	19	
8	403	411	413	412	412	412	413	423	420	428	422	420	431	422	421	422	413	413	407	400	396	396	397	20	
0	392	390	393	392	394	394	396	407	413	426	423	432	443	438	432	432	431	424	420	422	421	413	407	398	21
9	397	399	406	412	417	424	427	439	458	456	449	451	456	457	453	449	445	447	449	449	462	439	437	22	
0	423	423	430	430	434	432	445	458	467	476	477	484	484	480	477	471	467	461	462	458	452	450	446	23	
8	449	452	453	456	457	466	468	473	481	487	489	491	493	492	489	488	486	486	484	487	487	483	482	24	
3	477	474	469	460	452	453	454	457	461	466	463	466	466	461	462	459	457	447	453	454	454	454	452	25	
8	406	407	396	398	387	390	373	363	383	415	409	413	413	412	421	410	398	397	392	397	384	396	390	26	
7	384	390	383	382	376	382	373	391	402	411	402	411	417	413	416	414	400	383	374	367	354	347	341	27	
7	333	328	331	324	321	324	322	348	364	375	386	402	411	423	421	413	403	407	413	420	428	405	439	28	
																								29	
																								30	
																								31	

Meteorological Office,

116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT, Director.

WIND

DIRECTION IN NUMBERS

8-E 24-W
16-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	23	16	21	29	22	27	21	34	22	32	22	31	21	30	20	33	21	34	20	33	21	41	21	35	21	31
2	16	85	16	12	16	16	16	21	17	26	17	27	17	32	17	31	18	43	20	43	23	53	22	54	23	52
3	21	47	22	46	22	40	22	40	23	34	23	37	23	34	23	32	23	36	25	27	24	30	26	25	25	27
4	28	26	28	26	27	24	27	22	27	24	28	18	27	18	27	18	28	18	26	16	25	18	25	17	24	17
5	19	29	19	29	20	30	20	31	20	30	20	31	20	30	20	29	20	30	22	29	22	29	23	24	23	23
6	19	24	19	18	20	16	20	18	21	19	23	15	20	16	20	24	21	20	21	22	21	30	22	30	22	30
7	23	27	23	22	23	23	23	13	23	11	23	20	26	11	24	55	24	45	27	75	28	75	30	75	30	44
8	28	45	28	55	28	4	28	2	28	2	28	2	28	2	28	3	32	45	32	3	4	3	4	2	4	4
9	24	24	24	27	25	27	24	29	25	27	24	23	24	23	24	22	24	22	24	22	24	24	23	19	23	27
10	23	22	23	25	23	24	23	24	24	26	24	20	24	11	24	13	22	23	22	23	22	26	20	26	20	31
11	25	25	25	21	26	15	26	17	25	22	25	23	25	22	25	17	25	19	25	15	24	16	23	20	23	20
12	20	43	20	47	20	50	22	44	25	19	26	19	26	18	27	20	25	17	25	20	24	26	25	22	24	27
13	23	65	23	2	23	2	19	65	23	20	23	28	23	28	23	30	23	30	23	30	23	32	23	31	23	29
14	21	33	21	31	20	36	19	37	19	43	19	37	19	41	19	39	19	40	20	39	19	37	19	40	18	42
15	17	41	16	37	16	36	17	37	17	37	17	40	17	37	16	36	18	42	18	42	30	30	30	16	30	22
16	29	24	27	26	27	16	29	17	29	17	29	22	29	20	29	22	30	16	29	21	29	23	29	17	31	17
17	28	13	28	11	28	13	28	14	27	105	27	95	26	105	26	65	26	11	25	75	24	16	24	16	24	15
18	22	20	30	16	31	13	30	11	30	65	30	75	30	4	30	65	30	75	30	95	27	95	27	85	23	13
19	26	17	26	21	27	18	27	21	27	20	28	21	27	19	27	20	28	20	27	16	26	28	25	24	25	27
20	29	35	29	40	29	43	29	41	29	37	29	35	29	30	29	32	29	31	28	33	---	---	---	---	---	---
21	32	32	1	28	1	25	1	21	32	24	32	24	32	22	32	24	32	20	32	20	32	19	1	18	1	14
22	2	65	2	3	2	2	2	2	2	45	2	85	2	3	2	55	1	45	28	105	30	14	30	20	30	19
23	31	39	31	28	31	24	2	19	31	18	1	23	1	17	32	20	32	18	31	18	30	18	30	19	30	17
24	29	11	28	17	27	16	27	20	28	20	28	16	28	15	26	22	26	24	26	23	26	23	26	27	26	28
25	26	27	25	25	25	28	25	28	25	29	26	30	26	26	26	24	26	23	26	27	26	27	25	29	25	31
26	26	38	27	37	28	37	28	32	28	30	27	31	28	23	31	26	30	18	28	105	30	105	1	95	1	9
27	30	105	30	105	30	75	29	95	29	105	29	12	28	11	28	13	27	12	30	11	32	65	32	14	31	8
28	8	45	3	45	3	4	9	65	10	65	10	55	10	4	10	2	10	12	11	18	11	27	11	29	12	34
29																										
30																										
31																										

RAIN FALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET
HEIGHT ABOVE MEAN SEA LEVEL 11 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	-	.008	.003	.004	.001	.001	.004	.004	.008	.010	-	-	-	.007	.003	.005	.012	.015	.008	.002	-	-	-	-
2	.002	-	-	-	-	-	.020	.010	.003	-	.034	.025	-	-	-	.003	.002	.003	-	-	-	-	-	.027
3	.008	.032	.005	-	.005	-	.030	.020	-	.020	-	.003	-	-	-	-	-	-	.025	.002	.002	.008	.030	
4	.010	.020	.020	.007	.005	.017	-	.023	.015	.022	-	.012	-	-	-	-	-	.003	-	-	-	-	.007	.003
5	.005	.007	.004	.002	.004	.038	.005	.003	.007	.002	.026	.007	-	-	-	-	-	-	-	-	-	.002	.002	.002
6	.003	.002	.002	.005	.003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	.003	.027	.038	.032	.052	.068	.038	.039	.038	.027	.027	.025	.030	.015	.010	.002	-	-	-	-	-	-	-
8	-	.003	.027	.038	.032	.052	.068	.038	.039	.038	.027	.027	.025	.030	.015	.010	.002	-	-	-	-	-	-	-
9	.005	.010	.002	.008	.010	-	-	.020	-	-	-	-	-	-	-	-	-	.005	.007	.006	.012	.008	.007	
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.030	.120	.075	.013	-	.010	
11	.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	.040	.085	.012	.003	.045	-	-	.007	.008	-	.010	.005	.003	-	-	-	.002	-	.007	.013	.002	.016	.020	.047
13	.048	.075	.043	.035	.015	.010	.010	.005	-	-	.010	-	-	-	-	-	-	.003	.001	.001	.001	.001	.001	
14	.001	.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.003	.013	-	-	-	-	-
15	-	-	-	-	-	-	.025	.015	.010	.012	.003	.045	-	.012	-	-	.003	.013	-	-	-	-	-	-
16	.005	-	.002	.003	-	-	-	-	-	-	.005	.012	.014	.015	-	-	-	.003	-	-	-	-	-	-
17	-	-	-	-	.005	-	-	-	-	.007	.005	-	-	-	.001	.001	.001	.001	.001	.001	.004	-	-	-
18	.003	.042	.050	.017	.018	.007	-	-	.002	-	-	-	-	.015	.007	.003	.002	.007	.012	-	.004	-	-	.015
19	.003	-	.002	.015	.015	-	.030	.002	.003	.025	-	.075	.035	.052	.038	.020	.012	-	.028	.008	.004	.006	-	-
20	-	.004	.002	.001	.012	-	-	.003	-	-	.025	.015	.007	.002	.036	.024	.002	.006	.005	.005	.007	.008	.007	.003
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.003	.005	.001	.001	.001	.001	.001	.001	.001
22	-	-	-	-	-	-	-	-	-	.014	.002	.001	.003	-	-	-	-	-	-	-	-	-	-	-
23	.001	.001	.001	.001	.001	.001	.001	-	-	-	.022	.008	.004	.004	-	.022	.003	-	.005	.007	.002	.003	.012	
24	-	.002	.007	.001	.014	.008	-	-	-	-	.010	-	.001	.001	.003	.003	.002	.005	.007	-	.018	.005	.008	.009
25	.006	.002	-	.002	.023	.002	-	.008	.015	-	-	-	-	-	-	-	.003	.003	.035	-	.013	.018	.027	
26	-	-	-	.013	-	-	-	-	.040	.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	.001	.001	.001	.001	.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

HOURLY VALUES.....*February* 1877.

AND VELOCITY IN MILES PER HOUR

	2		3		4		5		6		7		8		9		10		11		MIDT					DAY
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V				
0	35	22	35	22	31	22	29	23	9.5	23	4.5	23	3	23	4	23	3	20	4	19	4.5					1
4	41	27	35	28	32	24	28	24	23	25	24	24	27	23	30	22	36	21	50	22	47					2
4	28	25	26	25	24	25	26	23	34	26	27	26	23	26	26	26	24	26	26	26	28					3
4	18	24	19	22	18	22	21	22	17	22	20	21	20	20	21	18	22	20	27	19	25					4
3	19	22	18	22	19	22	14	22	13	21	10.5	21	10.5	17	12	17	22	19	22	19	21					5
2	30	22	31	21	35	21	31	21	35	22	36	22	38	22	42	22	40	22	38	23	34					6
0	3	30	5.5	30	6.5	28	4.5	28	5.5	28	6.5	28	6.5	28	6.5	28	5.5	28	5.5	28	7.5					7
5	4.5	25	5.5	24	6.5	24	3	17	8.5	16	14	13	15	17	24	23	18	23	19	23	20					8
2	28	22	32	23	28	23	25	23	23	23	22	23	22	23	21	23	18	23	23	23	24					9
0	33	20	34	19	33	19	40	19	42	19	40	18	45	19	44	21	44	23	28	24	28					10
3	20	22	23	21	24	21	28	21	29	20	35	19	37	19	44	19	43	19	43	19	44					11
3	24	23	25	23	22	23	19	23	17	21	21	22	22	23	17	23	20	23	17	23	13					12
3	28	23	25	23	24	23	23	23	27	23	32	23	30	22	34	21	35	21	33	21	36					13
8	43	18	43	18	43	18	41	18	40	18	40	18	41	18	41	18	37	17	39	16	38					14
9	25	30	19	30	26	29	23	29	20	30	20	30	18	29	26	29	20	29	26	29	20					15
17	30	17	30	17	30	19	29	20	30	19	30	12	29	15	29	10.5	29	10.5	29	17						16
3	15	23	14	23	16	22	20	22	17	22	16	22	15	22	18	22	18	21	20	22	20					17
5	17	23	14	24	21	24	24	25	17	28	20	26	18	28	19	28	21	29	20	26	19					18
6	25	25	29	25	36	27	38	27	42	27	43	27	38	29	38	29	38	30	36	29	44					19
9	*	30	35	30	34	30	37	30	33	30	32	31	34	32	30	32	30	32	30	32	30					20
1	15	32	11	1	10.5	1	11	1	14	1	16	3	13	5	12	4	15	3	15	2	11					21
0	21	30	21	30	22	30	23	31	29	31	30	31	34	30	38	31	39	31	39	31	38					22
9	20	28	17	29	19	29	20	29	20	29	19	29	22	29	26	30	17	30	16	29	10.5					23
6	25	26	26	26	23	26	27	27	21	26	29	26	25	27	26	26	26	26	29	26	28					24
4	29	24	31	24	30	24	32	25	28	24	30	24	33	24	33	23	39	23	38	26	39					25
0	14	32	11	31	9.5	30	7.5	28	5.5	28	9.5	30	13	29	10.5	28	14	30	12	30	10.5					26
1	15	31	8.5	30	9.5	1	8.5	1	5.5	1	4.5	4	7.5	6	4.5	6	3	5	4	8	2					27
2	29	13	25	12	30	12	32	12	32	12	24	12	28	12	36	12	37	12	33	12	34					28
																										29
																										30
																										31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS.
20	340	343	341	343	343	342	354	356	362	366	369	373	375	373	370	363	330	331	328	335	336	334	330		1
27	318	331	330	327	337	345	341	343	342	305	212	263	285	202	212	202	177	183	170	*	191	213	229		2
27	248	259	254	264	257	257	245	247	262	249	247	256	243	246	239	248	241	241	230	219	231	230	221		3
22	212	205	209	212	207	213	208	233	223	250	236	242	253	238	246	242	263	250	249	271	273	292	300		4
26	316	316	320	330	335	338	346	354	361	365	372	367	370	369	363	356	350	348	348	353	354	352	354		5
56	350	354	363	342	344	342	351	359	361	372	368	357	360	367	372	375	374	373	371	371	366	370	373		6
24	376	375	371	369	374	377	355	354	336	331	318	333	331	330	324	323	322	295	295	283	278	279	269		7
23	255	259	263	267	260	263	*	*	253	286	283	289	270	291	295	304	306	310	307	316	357	357	357		8
29	352	365	365	348	339	341	341	331	325	335	327	333	339	340	344	340	341	340	340	340	341	336	334		9
20	338	346	348	351	348	340	346	342	342	322	351	339	336	331	323	319	318	338	348	357	370	362	351		10
3	277	285	304	313	305	306	297	299	290	306	333	309	299	302	309	328	332	337	334	333	337	346	353		11
21	362	366	373	321	288	260	269	277	266	288	268	268	287	289	284	305	317	316	309	308	317	323	334		12
1	342	341	341	378	380	380	377	381	378	376	374	375	377	381	373	371	374	366	361	359	358	360	358		13
2	359	359	355	361	355	353	352	354	358	358	354	354	354	350	350	349	348	347	342	336	333	338		14	
29	331	330	335	335	341	347	353	341	344	301	280	279	234	225	209	214	219	218	226	189	186	203	208		15
25	197	199	206	222	206	217	214	220	221	229	245	261	233	227	244	239	237	220	249	247	254	263	269		16
27	268	250	250	256	259	258	262	260	276	294	300	300	303	298	299	298	286	307	304	311	313	319	320		17
5	340	307	299	296	277	278	268	248	252	242	250	241	235	245	242	242	240	228	218	201	183	180	182		18
22	202	194	199	190	211	211	224	219	239	240	251	244	273	293	305	301	299	288	279	234	223	210	197		19
25	194	206	205	208	205	226	209	229	246	233	250	231	229	228	261	227	254	237	211	212	214	217	215		20
24	202	199	200	195	198	198	203	216	227	240	235	246	259	249	257	254	249	235	245	247	228	233	220		21
21	226	230	229	236	245	260	263	281	303	297	261	279	275	275	272	267	254	255	261	261	268	239	237		22
29	218	218	233	232	239	237	256	281	305	315	317	327	327	312	310	312	306	291	302	294	284	283	274		23
2	24	287	288	294	290	300	301	305	322	332	337	336	341	336	331	329	330	330	323	335	331	325	322		24
23	317	313	310	301	280	274	280	276	280	282	276	283	281	275	276	286	286	276	269	266	270	280	222		25
5	201	204	209	199	193	191	197	199	213	237	220	214	210	232	233	216	206	213	202	216	195	218	208		26
21	190	203	190	188	179	186	174	186	221	224	213	216	235	213	219	222	213	209	198	197	185	179	174		27
2	167	163	164	159	156	161	158	176	182	185	195	206	212	229	229	227	222	228	233	247	251	264	271		28
																									29
																									30
																									31

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.557	29.555	29.564	29.570	29.572	29.570	29.564	29.583	29.581	29.582	29.576	29.581	29.582
2	.684	.679	.668	.651	.626	.587	.551	.510	.466	.422	.351	.287	.216
3	.609	.607	.585	.577	.559	.553	.544	.536	.556	.558	.582	.697	.603
4	.630	.643	.659	.683	.708	.727	.769	.811	.842	.876	.900	.922	.937
5	.886	.878	.865	.843	.841	.825	.815	.814	.830	.806	.858	.854	.863
6	.919	.910	.891	.859	.844	.837	.831	.822	.807	.810	.811	.801	.787
7	.689	.716	.735	.753	.768	.780	.785	.791	.800	.818	.835	.853	.858
8	.960	.954	.952	.943	.928	.907	.937	.940	.942	.936	.926	.936	.91
9	.844	.833	.819	.805	.805	.793	.789	.780	.782	.766	.743	.729	.70
10	.562	.558	.569	.581	.588	.585	.601	.618	.635	.643	.645	.652	.654
11	.399	.375	.360	.394	.442	.447	.464	.483	.496	.513	.528	.545	.564
12	.463	.404	.329	.278	.234	.218	.262	.289	.321	.335	.358	.377	.390
13	.383	.387	.389	.385	.384	.398	.403	.406	.426	.437	.449	.461	.469
14	.576	.568	.557	.561	.556	.542	.535	.539	.531	.536	.544	.552	.54
15	.494	.465	.458	.443	.417	.398	.379	.366	.338	.313	.297	.263	.226
16	.448	.453	.453	.453	.454	.453	.477	.495	.531	.544	.562	.588	.590
17	.741	.760	.761	.770	.777	.785	.796	.828	.835	.849	.857	.858	.84
18	.770	.756	.752	.750	.756	.765	.772	.779	.787	.795	.790	.787	.760
19	.655	.649	.640	.623	.616	.610	.602	.599	.586	.563	.538	.513	.466
20	.142	.181	.208	.249	.299	.332	.358	.359	.384	.382	.391	.386	.397
21	.739	.753	.767	.779	.794	.801	.818	.849	.851	.855	.858	.867	.854
22	.998	.992	.997	.993	.986	.977	.971	.948	.916	.895	.882	.839	.806
23	.874	.885	.890	.896	.904	.912	.909	.925	.931	.914	.908	.903	.869
24	.684	.652	.630	.601	.573	.556	.530	.505	.489	.471	.451	.445	.431
25	29.285	29.257	.226	.199	.191	.184	.184	.199	.201	.198	.183	.183	.171
26	28.892	28.957	.012	.079	.143	.213	.274	.329	.371	.411	.454	.472	.491
27	29.617	29.605	29.608	29.643	29.666	29.690	29.712	29.724	29.752	29.765	29.789	29.808	29.818
28	30.004	30.018	30.023	30.025	30.039	30.056	30.064	30.086	30.102	30.121	30.123	30.132	30.137
29													
30													
31													

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	46.1	48.0	47.9	47.3	47.1	47.0	47.2	47.8	48.0	48.2	49.0	49.5	50.0	50.7	50.9	50.7	51.0	50.9	50.7	50.3	49.0	47.9	46.4	45.6
2	45.7	46.0	45.3	43.1	42.3	42.8	44.2	45.2	45.7	46.9	48.0	48.9	51.0	50.2	43.1	42.9	41.9	41.2	38.8	38.5	35.9	36.2	36.1	36.2
3	37.8	35.0	37.2	37.9	38.9	39.6	40.0	40.4	40.9	41.3	41.6	40.9	40.8	41.3	38.6	39.0	39.0	38.1	38.2	37.3	37.0	36.9	36.2	35.9
4	35.2	35.4	35.2	35.3	35.0	34.9	35.0	35.2	35.7	36.7	39.3	41.6	42.6	43.2	43.6	42.7	41.1	41.1	41.7	40.9	41.4	41.2	41.9	42.0
5	42.3	42.2	42.6	42.7	43.0	43.4	44.2	44.4	44.9	45.4	46.7	46.6	47.5	48.9	49.6	48.7	48.2	47.1	47.0	46.6	46.1	45.9	45.6	45.0
6	45.9	46.6	47.1	47.9	48.2	48.1	48.0	48.4	48.8	49.0	49.9	50.1	51.0	51.3	51.3	51.0	51.0	50.9	50.9	50.7	50.6	50.8	50.6	50.7
7	50.8	50.0	48.0	46.9	47.0	47.0	47.0	46.9	46.9	47.3	48.0	48.7	48.9	48.9	48.2	46.9	45.7	44.9	44.7	44.2	43.0	42.2	42.7	42.0
8	40.6	40.6	40.1	39.5	39.7	39.2	38.9	38.2	39.8	41.0	43.2	44.1	44.8	45.9	46.0	44.4	44.0	43.6	42.7	42.8	42.3	42.5	42.1	42.1
9	42.4	42.0	41.5	41.1	41.0	40.9	40.9	41.0	41.9	42.0	43.8	43.8	45.7	47.9	48.0	48.7	48.9	48.7	48.8	49.0	48.9	48.5	48.9	49.0
10	49.0	49.2	49.3	48.9	48.0	47.9	47.2	47.2	47.3	48.0	48.4	48.7	48.9	49.7	49.7	49.6	49.2	49.3	49.0	49.0	49.1	49.0	48.4	47.8
11	47.3	48.3	49.1	47.8	46.4	45.9	45.8	45.6	45.9	47.2	48.0	50.3	50.4	49.9	49.2	50.0	47.4	46.6	45.7	46.1	46.5	46.7	46.8	45.9
12	46.0	46.0	46.0	47.9	48.0	48.8	45.9	44.3	44.2	44.8	46.1	46.8	47.9	48.2	47.8	45.0	45.6	45.0	44.3	43.7	43.2	43.0	43.0	42.1
13	42.8	42.2	42.2	42.4	43.0	43.0	43.2	43.7	44.0	44.4	43.8	43.9	44.4	44.9	45.1	45.0	44.7	43.9	43.5	44.0	44.0	44.0	44.4	44.4
14	45.8	46.7	48.0	49.3	49.8	49.9	50.0	50.0	50.1	50.7	50.7	50.9	51.6	51.5	51.7	51.9	51.2	51.2	50.8	51.0	50.6	50.2	50.0	50.0
15	49.5	49.5	48.7	47.7	47.2	46.8	46.3	46.7	47.9	48.4	50.7	51.6	50.2	45.9	44.8	43.2	42.3	41.5	39.8	38.9	37.8	36.9	37.0	36.3
16	35.8	36.0	36.9	36.7	36.8	36.9	37.0	37.5	38.8	40.6	43.8	43.2	44.1	44.9	44.0	44.4	43.3	42.8	41.6	41.0	40.0	40.4	39.4	39.8
17	39.7	40.7	40.8	41.7	41.9	42.3	42.8	43.0	43.8	44.3	45.6	45.6	47.0	46.6	46.5	46.4	46.4	46.4	45.9	45.9	46.0	46.4	46.3	46.4
18	46.3	46.0	46.3	46.1	45.1	44.7	44.2	42.8	42.2	43.7	45.1	46.5	44.6	45.9	45.4	44.9	43.3	41.9	40.5	40.7	41.0	40.4	38.8	37.4
19	36.7	36.2	35.7	35.0	35.2	35.5	35.6	35.3	36.0	37.6	39.7	40.9	41.8	42.3	41.9	40.6	40.4	41.0	40.5	39.0	38.0	38.2	39.0	40.0
20	39.7	39.9	38.0	38.1	38.0	37.2	37.5	36.9	37.8	37.7	37.1	37.0	37.5	39.3	39.0	37.3	38.0	36.9	36.2	36.6	37.7	37.8	36.9	37.6
21	36.0	35.2	36.7	36.0	36.0	35.7	36.3	37.0	38.0	40.7	40.0	40.3	40.1	40.3	39.7	38.7	38.1	37.7	37.5	37.3	37.0	37.2	36.9	
22	37.3	37.3	37.2	37.0	36.7	35.6	35.9	35.8	36.1	38.6	40.1	43.1	44.0	45.2	45.8	43.4	43.5	43.7	41.9	40.9	40.8	40.2	39.3	39.0
23	38.9	39.2	39.2	39.2	40.0	40.4	40.9	40.7	41.8	42.7	44.9	47.7	46.4	47.8	48.4	47.7	46.9	46.6	45.4	45.0	44.8	43.0	44.0	44.9
24	46.0	45.9	45.8	45.7	45.3	45.9	46.3	46.7	47.1	48.0	48.9	50.0	50.9	50.0	48.7	48.1	47.4	46.6	45.9	45.3	45.8	45.9	45.8	45.2
25	45.8	46.0	45.7	45.9	46.0	46.0	45.9	44.7	44.6	45.3	46.0	45.1	44.2	44.4	43.8	43.9	43.3	40.9	42.9	39.4	41.2	39.7	38.7	35.0
26	33.6	33.5	33.5	34.0	34.7	33.8	33.1	32.7	33.5	35.3	36.6	38.6	40.5	36.9	39.6	38.2	36.0	34.9	34.7	34.2	33.0	33.2	33.2	33.5
27	33.7	34.0	34.1	33.2	32.3	30.9	31.4	31.5	32.0	32.3	33.0	33.8	34.2	33.9	33.7	33.4	32.3	31.4	31.0	30.2	29.9	29.1	29.2	28.8
28	27.9	29.0	28.4	28.0	28.4	30.1	30.0	30.4	31.5	32.7	34.6	35.0	38.3	37.4	36.9	37.8	37.0	35.9	34.0	33.2	33.2	32.2	32.5	32.0
29																								
30																								
31																								

HOURLY VALUES

February 1877.

CISTERN 2.07 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	M. DT.	DAY.
568	29.574	29.577	29.583	29.595	29.606	29.618	29.640	29.661	29.673	29.682	1
184	221	245	339	437	510	558	599	617	628	628	2
606	602	602	601	596	597	605	606	604	609	617	3
933	935	935	946	949	963	947	935	933	921	912	4
852	866	869	887	904	911	919	927	926	930	931	5
766	766	748	742	700	703	727	714	699	693	687	6
856	862	873	887	911	919	927	938	945	953	965	7
897	890	883	887	891	886	879	877	866	871	863	8
678	671	659	635	627	614	602	583	576	555	558	9
636	628	621	610	609	586	560	537	512	476	438	10
585	583	612	616	607	604	592	581	565	524	500	11
388	381	381	369	367	361	358	359	362	366	375	12
477	501	514	529	555	568	575	581	584	589	575	13
536	532	521	528	527	509	511	515	513	510	509	14
253	255	293	324	353	375	392	420	428	440	448	15
595	602	607	632	652	673	695	713	723	728	737	16
840	835	824	823	827	827	817	809	810	791	780	17
734	726	713	705	698	691	662	664	669	668	656	18
419	361	276	179	112	091	080	085	072	073	111	19
386	388	398	437	485	522	562	611	646	672	704	20
860	866	879	901	923	941	959	973	990	992	994	21
785	763	756	746	755	777	803	842	846	851	857	22
850	831	830	813	804	800	793	781	755	720	688	23
434	423	410	404	403	407	391	29.372	29.362	29.340	29.319	24
157	136	119	091	075	049	035	28.999	28.975	28.948	28.933	25
513	518	547	576	602	624	641	29.648	29.650	29.631	29.616	26
823	29.839	29.856	29.871	29.886	29.919	29.934	29.952	29.965	29.972	29.988	27
131	30.124	30.123	30.121	30.122	30.132	30.139	30.131	30.122	30.107	30.100	28
											29
											30
											31

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS
7	475	470	467	462	460	464	469	472	477	483	485	490	498	501	502	500	500	500	499	482	471	455	449		1
9	450	443	427	419	422	432	443	444	459	470	481	499	487	408	400	389	380	367	362	345	349	340	339		2
7	341	361	368	373	380	387	389	391	397	398	390	390	385	371	370	370	360	359	357	351	350	346	343		3
0	341	340	340	340	340	341	347	350	357	375	392	400	403	410	401	395	393	397	391	398	399	402	406		4
9	408	409	409	413	420	430	434	442	450	452	461	469	477	481	472	471	463	460	457	450	448	447	444		5
5	460	466	470	473	474	477	478	480	481	487	489	496	498	499	499	499	497	496	499	499	499	500	499		6
0	492	475	463	464	463	460	459	460	464	468	470	462	455	454	444	436	430	429	427	417	412	410	407		7
3	392	390	382	381	379	373	370	383	394	412	420	421	428	424	418	411	409	402	403	402	401	400	399		8
0	396	389	387	389	390	392	397	402	414	422	430	448	469	479	475	472	470	472	477	478	479	482	483		9
7	489	482	479	465	467	463	464	467	470	478	480	483	490	490	490	484	481	477	478	475	469	462	461		10
6	476	463	467	450	443	434	444	444	450	459	466	462	462	459	466	450	442	440	441	448	451	454	451		11
2	451	460	468	473	483	448	427	425	427	431	433	439	439	438	435	431	427	424	419	418	417	419	409		12
5	410	412	413	418	419	420	423	429	433	419	424	426	429	435	436	431	428	429	430	430	432	434	440		13
2	461	479	490	490	490	491	490	493	498	502	506	511	513	511	510	507	501	487	486	481	478	480	481		14
7	473	467	460	455	444	445	452	460	460	479	489	491	452	440	421	413	405	388	377	368	360	360	351		15
5	350	360	359	360	360	360	369	380	393	407	410	413	419	416	409	402	398	396	391	384	389	381	381		16
2	388	392	394	402	403	408	410	417	423	433	439	447	445	447	448	448	450	450	450	453	456	455	455		17
5	454	458	458	443	440	433	422	417	426	432	431	432	430	427	412	401	396	385	387	394	391	378	359		18
7	349	344	340	340	343	346	343	350	360	377	387	396	400	396	393	395	402	383	376	363	361	366	370		19
7	359	368	361	360	354	359	357	366	364	360	353	357	359	361	349	363	357	352	354	363	363	352	358		20
9	341	350	344	343	342	333	334	344	339	359	350	352	352	365	355	350	343	347	341	339	341	342	346		21
5	342	343	348	350	343	348	347	350	376	395	416	420	429	428	417	406	403	391	392	383	367	367	368		22
2	367	366	369	378	381	386	384	396	401	424	449	446	460	462	463	450	446	440	438	434	419	427	438		23
8	449	449	448	449	450	457	460	465	470	479	476	466	463	460	449	442	439	438	432	430	430	430	431		24
9	438	436	440	446	449	440	426	429	438	440	438	430	435	429	420	428	400	420	389	408	388	380	344		25
0	330	330	333	331	319	315	314	320	343	346	357	372	360	373	360	346	332	330	329	322	323	321	325		26
0	334	334	323	*	*	298	299	302	294	302		*		*		*	289	290	280	278	274	279	273		27
0	280	274	270	276	289	290	295	302	314	*	319	344	330	332	338	333	322	314	304	300	295	297	296		28
																									29
																									30
																									31

Meteorological Office.

116, Victoria Street, Westminster. S. W.

ROBERT H. SCOTT, Director.

WIND

DIRECTION IN NUMBERS

8-E 24-W
18-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	21	15	21	17	21	17	20	14	18	13	19	13	19	18	18	105	19	14	18	13	18	17	18	17	17	15
2	20	45	20	45	20	4	20	2	20	2	17	65	16	65	14	16	13	18	14	19	15	21	15	20	17	23
3	17	26	18	22	18	30	18	29	18	28	18	28	19	26	19	26	19	26	19	22	22	23	22	17	20	18
4	20	15	20	16	20	19	20	13	20	15	20	15	20	13	21	12	19	13	20	13	20	13	21	12	21	13
5	19	17	19	16	19	18	19	21	19	17	19	17	19	20	19	20	20	17	20	14	20	105	20	13	21	11
6	19	105	19	75	18	105	18	14	18	17	19	19	19	18	19	21	18	25	18	19	18	17	19	18	19	20
7	21	16	23	105	24	65	24	65	24	55	24	55	21	11	20	95	20	95	20	105	21	75	22	75	24	11
8	19	75	20	95	19	95	19	105	19	11	18	95	19	11	18	105	20	11	19	12	20	15	21	13	20	14
9	20	11	20	12	19	11	19	11	19	105	19	95	20	95	20	85	20	75	19	95	18	105	19	95	19	15
10	22	15	22	15	24	17	23	19	24	15	25	15	23	85	23	95	23	45	23	65	23	75	20	65	20	75
11	17	22	19	22	20	19	23	22	23	17	23	17	23	15	23	15	21	18	22	20	22	18	23	22	23	20
12	16	17	16	20	16	25	16	21	16	24	18	21	23	14	23	15	21	105	21	11	24	15	23	12	22	13
13	20	15	20	13	20	11	20	11	19	12	19	11	20	95	20	11	20	105	20	95	21	12	20	11	19	11
14	17	11	17	12	18	14	20	13	20	95	19	105	19	20	18	17	18	24	18	23	19	22	18	15	19	16
15	17	20	17	23	17	20	17	23	16	24	16	25	16	22	16	25	16	23	16	25	17	26	17	26	17	22
16	19	13	20	13	20	43	21	11	20	105	20	13	20	11	20	105	21	95	22	95	23	14	25	13	23	14
17	26	105	26	12	24	95	26	11	25	11	25	105	25	95	25	65	26	65	23	75	24	75	24	75	24	105
18	20	14	19	12	19	105	24	85	26	65	25	4	22	55	22	45	21	45	21	45	20	95	23	65	22	55
19	20	12	20	11	21	12	20	105	20	105	19	12	20	13	20	12	20	13	19	15	20	21	20	17	21	16
20	27	25	28	25	28	20	27	19	29	19	28	11	28	75	25	13	28	17	27	17	27	14	27	19	29	20
21	27	65	27	75	28	11	26	105	27	105	29	14	30	75	31	3	29	105	31	105	32	13	32	16	32	15
22	30	4	30	4	30	55	27	45	26	45	23	45	22	55	21	75	20	105	21	105	21	95	24	11	26	105
23	31	11	30	12	30	65	26	55	30	85	31	75	31	55	30	75	28	75	28	95	27	85	28	65	24	45
24	25	14	24	14	23	14	23	17	23	13	23	14	23	13	23	14	23	14	24	16	25	16	26	20	26	22
25	24	16	23	18	24	19	24	18	25	20	24	18	24	14	25	17	23	105	24	14	25	13	25	12	25	95
26	3	65	3	65	1	75	1	85	32	105	32	85	32	55	32	3	32	2	21	3	23	4	28	75	26	105
27	21	11	21	14	23	105	32	75	32	4	30	4	30	75	28	75	26	75	28	11	29	105	28	105	28	12
28	27	3	25	4	25	4	24	3	24	4	25	4	25	3	24	2	22	2	22	2	22	2	23	3	19	4
29																										
30																										
31																										

RAIN FALL

GAUGE HEIGHT ABOVE GROUND 2 FEET
HEIGHT ABOVE MEAN SEA LEVEL 204 FEET.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	
1	-	-	-	-	-	-	-	-	-	010	-	-	-	-	-	-	-	-	-	-	010	-	-	-	
2	-	-	-	-	-	-	-	-	-	010	-	-	090	130	010	-	-	-	-	-	020	-	-	-	
3	-	020	100	-	-	-	-	-	-	-	-	-	010	-	050	-	-	-	-	-	-	-	-		
4	-	-	-	-	-	-	-	-	-	010	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	-	-	-	-	-	-	-	-	-	020	020	010	010	-	-	-	-	-	-	-	-	-	-		
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	010	010	010	010	
7	-	010	-	-	-	010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	013	004	003	
10	010	-	-	-	-	-	-	-	-	-	-	-	-	010	-	010	-	-	-	-	-	-	-	010	
11	040	020	-	020	-	-	-	010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	050	030	020	-	020	010	030	-	-	-	-	-	-	-	-	030	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	010	010	-	-	-	-	-	-	010	-	-	010	040	040	
14	-	010	-	-	-	-	-	-	-	-	-	-	-	020	010	-	-	-	-	-	-	-	-	-	
15	-	-	-	-	-	-	-	-	-	-	-	-	-	040	040	050	030	-	-	010	-	-	-	-	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	025	-	-	-	-	-	-	-	-	-	
17	-	-	005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	010	010	-	-	-	-	
18	-	-	-	010	-	-	-	-	-	-	-	-	-	015	-	-	-	003	-	-	-	002	-	-	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	010	-	-	-	010	-	-	-	-	
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	010	-	-	-	-	
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	010	-	-	-	-	
26	-	-	-	-	-	-	-	-	-	-	-	-	010	040	050	020	030	040	160	130	090	120	060	090	080
27	-	-	-	-	-	-	-	-	-	030	160	020	-	020	010	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

HOURLY VALUES *February 1877.*

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT								DAY				
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
8	18	18	18	18	16	19	16	19	13	19	12	20	12	20	9.5	20	6.5	20	5.5	20	4.5										1	
9	34	19	30	20	37	22	32	22	25	21	23	20	19	20	15	19	17	19	20	17	18										2	
0	17	20	17	20	19	19	17	19	16	19	18	19	18	19	19	20	20	20	19	20	20										3	
1	14	20	12	21	11	20	11	19	11	19	13	19	12	19	14	19	17	19	17	19	17										4	
1	10.5	21	8.5	21	8.5	21	5.5	21	4	21	4	21	5.5	21	6.5	20	6.5	20	5.5	19	8.5										5	
2	22	20	19	20	20	20	20	20	19	20	22	20	18	20	18	20	18	21	18	20	16										6	
5	13	24	11	25	9.5	24	8.5	23	7.5	22	6.5	22	6.5	20	8.5	20	7.5	22	7.5	22	8.5										7	
1	16	22	13	21	11	23	11	22	11	20	9.5	20	12	21	10.5	20	10.5	20	10.5	20	12										8	
0	15	20	14	20	16	21	20	19	17	20	19	21	18	21	20	21	21	21	21	21	17										9	
0	9.5	22	9.5	19	7.5	21	6.5	19	12	19	14	19	17	18	16	18	17	18	20	17	18										10	
4	19	24	17	24	14	21	12	22	8.5	19	9.5	18	7.5	17	9.5	17	7.5	16	12	16	16										11	
2	14	21	15	20	16	20	17	20	18	19	17	19	15	20	15	20	14	21	11	20	12										12	
0	13	19	9.5	20	6.5	18	7.5	18	8.5	19	4.5	19	5.5	18	4	17	5.5	17	10.5	17	8.5										13	
2	18	19	19	19	17	19	16	18	19	17	23	16	21	17	22	17	19	17	19	17	17										14	
4	9.5	23	8.5	25	13	24	10.5	22	7.5	22	9.5	22	8.5	23	10.5	21	8.5	20	12	19	11										15	
6	15	26	14	26	17	26	10.5	24	10.5	23	5.5	23	7.5	23	6.5	23	8.5	24	10.5	26	13										16	
4	7.5	23	6.5	21	7.5	19	7.5	19	10.5	19	9.5	19	10.5	20	11	20	10.5	20	9.5	20	14										17	
2	8.5	21	12	21	9.5	22	5.5	19	8.5	18	7.5	18	12	20	13	21	9.5	20	11	20	11										18	
0	18	20	15	18	19	19	21	21	18	26	18	25	20	26	21	25	25	26	25	27	30										19	
8	22	27	18	29	19	28	19	28	18	28	19	29	14	29	9.5	29	15	29	13	28	10.5										20	
1	14	30	13	32	11	32	10.5	32	8.5	32	4.5	31	6.5	32	6.5	32	4.5	31	4	31	3										21	
7	14	28	16	29	16	29	19	31	23	30	15	31	16	32	16	32	15	32	13	30	14										22	
8	10.5	28	14	28	10.5	28	10.5	28	9.5	25	8.5	25	10.5	26	9.5	23	6.5	24	11	24	15										23	
5	19	25	19	24	18	24	18	24	15	24	12	24	11	24	12	24	13	23	15	23	15										24	
4	8.5	25	6.5	23	5.5	23	4	5	4.5	23	9.5	1	4.5	21	6.5	32	4.5	6	2	3	5.5										25	
9	5.5	28	11	30	12	31	5.5	28	6.5	28	4	28	5.5	25	6.5	22	6.5	20	8.5	20	11										26	
8	12	28	12	30	9.5	30	7.5	31	5.5	31	5.5	30	5.5	29	4.5	29	4	27	6.5	27	4.5										27	
8	4	29	2	29	2	22	3	15	4	15	4	15	4.5	15	6.5	15	6.5	15	9.5	16	7.5										28	
																															29	
																																30
																																31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT							DAYS.			
6	32.2	31.0	31.2	30.2	29.8	30.5	31.0	31.4	32.5	33.0	32.8	33.4	34.7	35.2	35.7	34.8	34.9	35.2	35.4	32.7	31.3	29.4	29.0							1			
9	28.7	28.4	26.9	26.1	26.1	26.7	28.0	27.7	27.7	29.7	30.9	32.6	34.6	32.5	22.9	21.6	20.6	19.6	19.6	18.9	18.5	18.9	17.4	17.1							2		
0	18.6	20.0	20.5	20.6	21.1	22.0	22.0	21.8	22.6	22.5	21.6	21.7	20.4	20.5	19.9	19.9	18.9	18.6	19.2	18.4	18.3	18.4	18.1								3		
2	18.2	18.2	18.1	18.4	18.5	18.6	19.6	19.6	19.8	20.6	21.4	21.9	21.9	22.8	22.0	22.4	22.5	22.3	21.8	22.7	23.1	23.0	23.7								4		
0	23.9	23.6	23.5	24.0	25.1	26.3	26.9	28.1	29.4	29.6	30.6	31.4	31.6	31.7	30.6	31.0	30.5	29.8	29.6	28.6	28.4	28.5	28.5									5	
5	30.3	31.2	31.0	31.5	31.8	32.7	32.5	32.5	32.5	32.8	33.1	33.8	33.9	34.2	34.6	34.6	34.2	33.9	35.0	35.1	34.8	35.3	35.0									6	
1	33.9	32.2	30.7	30.8	30.6	29.8	29.7	29.9	30.4	30.4	30.1	28.1	26.7	27.0	26.3	26.0	25.4	25.5	25.7	24.9	24.7	23.7	23.9									7	
5	22.3	22.5	21.6	21.2	21.4	20.6	20.6	21.5	22.3	23.6	24.5	23.7	24.1	23.3	23.6	22.6	22.6	22.2	22.3	22.6	22.2	22.4	22.2									8	
1	21.8	20.9	20.9	21.3	21.6	22.0	22.9	23.0	24.2	25.0	26.7	28.6	30.8	32.5	31.4	30.4	30.1	30.5	31.5	31.8	32.6	33.0	33.0									9	
0	34.2	32.3	32.1	29.7	30.3	30.3	30.5	31.2	30.9	32.5	32.6	33.1	33.8	33.8	34.0	32.9	32.1	31.5	31.7	30.9	29.6	28.6	29.0									10	
9	32.1	32.9	30.5	28.2	27.3	25.4	27.8	27.5	27.3	28.3	27.5	26.5	27.0	27.2	27.8	27.0	26.2	26.8	26.6	27.7	28.1	28.7	29.0									11	
2	28.9	29.9	30.5	31.7	33.3	28.4	25.8	25.3	24.9	24.5	24.1	24.2	23.9	24.1	26.4	25.0	24.7	24.9	24.5	24.9	24.9	25.3	24.2									12	
7	24.3	24.7	24.7	25.1	25.3	25.3	25.4	26.3	26.7	24.4	25.3	25.2	25.2	26.3	26.6	25.9	26.2	26.9	26.5	26.5	27.0	27.4	28.3									13	
4	30.5	33.2	34.3	33.7	33.5	33.7	33.4	34.1	34.7	35.6	36.5	36.9	37.2	36.8	36.2	36.3	34.8	31.8	31.3	30.5	30.2	30.9	31.2									14	
8	29.9	29.4	28.8	28.4	26.4	27.2	28.4	28.6	28.1	30.0	31.3	33.5	29.3	27.8	25.5	24.8	24.0	22.4	21.3	20.6	20.1	20.0	19.2									15	
6	19.3	20.1	20.2	20.2	20.1	20.0	21.2	22.0	22.5	22.0	23.2	22.9	23.2	23.6	21.8	21.6	21.3	22.2	21.7	21.5	22.0	21.6	21.1									16	
4	21.4	22.4	21.7	23.0	22.8	23.2	23.4	24.0	24.7	25.4	26.7	26.8	26.9	27.4	27.8	27.8	28.2	28.8	28.8	29.4	29.6	29.5	29.4									17	
8	29.7	30.2	30.5	28.1	27.9	27.0	26.1	25.8	26.0	25.6	24.1	26.2	25.3	24.3	21.9	21.4	21.9	21.1	21.3	22.3	22.4	20.7	19.4									18	
7	18.9	18.5	18.4	18.2	18.5	19.0	18.7	19.3	19.4	20.5	21.1	22.0	22.2	21.9	22.5	23.2	23.9	20.7	21.0	19.5	19.0	19.2	18.9									19	
2	17.1	20.4	19.1	19.0	18.7	19.3	19.6	20.3	20.0	19.9	18.7	19.0	17.6	18.3	17.7	19.5	19.6	19.5	19.4	19.8	19.7	18.7	19.1									20	
1	18.4	18.5	18.2	18.0	17.9	16.5	16.2	17.2	15.6	16.5	15.6	15.7	15.8	17.8	16.7	16.7	16.1	17.1	16.3	16.1	16.7	16.6	17.6									21	
6	16.6	16.8	17.9	18.5	18.4	19.0	19.0	19.2	21.4	23.6	24.6	24.4	24.9	24.2	24.5	22.1	21.4	21.0	22.0	20.4	18.2	19.1	19.5									22	
5	19.2	19.0	19.5	20.3	20.5	20.9	20.7	22.0	22.0	24.2	26.5	27.3	28.8	28.6	27.4	27.6	27.1	27.1	26.4	26.3	25.9	27.2										23	
0	28.6	28.7	28.6	29.3	28.8	30.0	30.2	31.0	30.9	32.1	30.0	26.9	27.1	27.9	26.0	25.3	25.6	26.2	25.4	24.6	24.5	24.6	25.3									24	
5	26.1	26.0	26.6	27.8	26.5	26.6	24.7	25.6	26.8	26.5	27.0	26.3	27.2	26.5	26.6	26.9	23.6	25.6	23.1	25.3	22.6	22.1	19.2									25	
1	18.2	18.2	18.2	17.0	15.6	15.6	15.9	16.1	18.7	18.2	18.0	18.8	20.1	19.8	18.8	18.6	16.9	16.8	17.2	17.1	17.1	16.7	17.2									26	
0	18.4	18.3	17.1	*	*	14.0	14.0	14.1	12.4	13.3	...	...	...	...	...	...	12.1	12.7	11.4	11.3	11.5	12.5	11.7									27	
5	13.0	12.7	12.2	13.3	13.7	14.0	14.8	14.7	15.9	*	14.7	16.1	14.6	15.3	15.6	15.4	14.6	14.6	13.5	12.8	12.7	12.8	12.6									28	
																																29	
																																	30
																																	31

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.491	29.500	29.507	29.513	29.514	29.519	29.528	29.543	29.537	29.539	29.545	29.545	29.54
2	.653	.665	.661	.660	.644	.626	.603	.577	.539	.491	.458	.387	.31
3	.509	.509	.483	.457	.463	.462	.438	.429	.416	.424	.451	.465	.46
4	.481	.493	.501	.504	.532	.545	.588	.663	.688	.723	.759	.791	.81
5	.801	.786	.767	.742	.722	.719	.705	.690	.684	.690	.700	.711	.73
6	.893	.881	.865	.847	.829	.813	.797	.787	.757	.739	.721	.699	.68
7	.629	.631	.639	.638	.651	.657	.665	.667	.668	.694	.727	.740	.72
8	.810	.796	.787	.791	.785	.785	.785	.788	.784	.785	.789	.775	.7
9	.689	.680	.673	.667	.664	.653	.641	.647	.647	.647	.652	.653	.6
10	.374	.378	.382	.386	.407	.429	.458	.506	.537	.569	.595	.618	.61
11	.414	.364	.321	.261	.220	.209	.233	.251	.267	.279	.297	.311	.33
12	.529	.496	.458	.399	.331	.274	.202	.168	.163	.187	.209	.223	.24
13	.270	.263	.268	.267	.277	.289	.291	.311	.335	.341	.346	.357	.36
14	.572	.581	.569	.558	.546	.531	.509	.497	.481	.473	.483	.487	.47
15	.478	.466	.435	.428	.415	.407	.394	.367	.345	.324	.298	.263	.22
16	.312	.303	.280	.266	.252	.241	.260	.264	.285	.296	.317	.347	.36
17	.558	.585	.588	.578	.605	.621	.646	.677	.698	.720	.732	.747	.74
18	.692	.685	.681	.667	.663	.685	.684	.694	.703	.706	.713	.710	.70
19	29.538	.529	.510	.507	.493	.487	.486	.474	.458	.444	.406	.381	.33
20	28.966	.005	.043	.078	.106	.133	.142	.155	.155	.143	.162	.162	.16
21	29.563	.589	.609	.632	.654	.678	.686	.727	.727	.739	.762	.775	.78
22	.949	.944	.937	.926	.907	.889	.859	.835	.788	.749	.710	.665	.61
23	.739	.751	.757	.779	.805	.807	.817	.814	.811	.820	.822	.797	.77
24	.445	.412	29.374	29.347	29.333	29.333	29.309	29.285	29.277	.261	.245	.227	.20
25	29.066	.014	28.989	28.962	28.950	28.953	28.957	28.980	28.987	.003	.005	.013	.01
26	28.997	.017	29.033	29.059	29.104	29.156	29.199	29.241	29.274	.312	.361	.375	.37
27	29.529	.523	.528	.541	.558	.577	.593	29.612	29.635	29.648	29.669	29.681	29.69
28	29.899	29.907	29.926	29.935	29.959	29.983	29.998	30.035	30.058	30.073	30.081	30.090	30.08
29													
30													
31													

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	36.1	36.0	36.0	36.0	36.0	36.3	37.8	39.4	41.9	44.7	46.9	47.9	48.7	48.0	47.8	48.6	48.5	48.9	49.0	48.7	47.9	47.6	47.1	46.7
2	45.3	44.3	42.4	42.6	41.9	38.9	40.0	40.3	41.1	41.4	42.0	44.0	48.1	49.0	49.4	50.7	42.9	43.2	42.0	40.9	39.1	40.3	37.1	36.2
3	37.1	35.0	38.6	37.0	38.8	38.4	37.5	37.5	38.6	39.7	35.6	37.7	36.4	38.0	36.1	38.0	37.1	36.6	36.8	35.0	37.1	36.4	36.9	36.6
4	37.0	37.3	36.0	34.8	36.6	37.0	35.9	36.6	35.2	36.0	38.5	39.4	41.2	42.0	42.2	41.3	40.4	40.0	40.9	41.0	41.7	41.7	41.9	41.6
5	41.7	41.9	42.1	42.3	42.9	42.6	42.8	43.2	43.9	44.3	45.8	46.9	46.8	47.7	48.4	46.4	45.9	43.0	42.0	41.8	42.0	42.4	41.4	41.7
6	42.0	42.2	44.0	44.2	44.7	44.9	46.4	47.0	47.3	48.0	48.6	48.6	48.7	48.9	48.9	48.4	48.0	48.8	48.7	48.6	48.3	46.9	46.9	46.7
7	46.2	45.9	46.0	46.0	45.2	44.9	45.0	45.1	44.7	45.6	46.6	47.5	47.0	46.8	45.7	44.9	44.0	42.6	41.8	41.9	41.0	41.3	41.4	41.1
8	41.4	41.5	41.0	41.8	41.4	41.0	41.9	41.8	42.1	42.3	43.5	44.3	44.3	44.3	43.7	43.7	42.9	43.3	42.9	42.0	42.5	42.6	42.7	42.4
9	42.4	41.9	42.0	42.2	42.2	42.6	42.3	41.8	43.5	43.9	44.6	44.7	44.3	43.7	43.3	42.7	44.0	47.0	47.7	46.8	46.8	48.3	48.3	47.3
10	46.9	47.1	47.0	47.3	47.8	47.4	46.7	44.9	41.4	41.1	41.4	41.9	42.2	41.9	41.9	41.9	41.5	40.4	39.6	37.7	36.8	36.8	36.0	35.9
11	36.3	36.4	36.7	36.8	42.0	43.3	44.0	45.5	45.9	46.2	45.6	47.0	48.2	48.7	46.5	46.0	45.8	43.8	40.9	38.9	38.8	38.3	37.8	37.4
12	37.2	37.4	37.0	36.4	36.4	37.9	38.2	37.3	38.5	37.7	37.1	39.7	42.5	45.2	44.4	43.8	42.1	42.6	40.7	41.2	44.7	41.8	41.5	41.4
13	40.3	41.2	41.6	40.9	40.4	40.3	40.2	41.0	42.9	42.9	44.3	45.0	46.0	45.1	45.1	44.6	43.9	42.7	41.0	40.2	40.3	40.0	39.8	41.0
14	41.7	41.7	42.0	42.0	42.3	41.2	41.9	41.7	42.9	48.7	49.0	49.6	50.0	50.5	50.0	50.2	51.0	50.7	50.7	51.0	50.6	50.0	49.5	48.7
15	48.7	48.5	48.9	49.0	48.7	48.0	47.1	46.0	46.4	48.9	50.6	50.9	49.6	49.2	48.2	44.1	42.9	41.6	40.1	39.9	38.6	38.0	38.0	36.8
16	37.4	37.1	38.2	39.0	39.0	40.6	41.4	41.4	42.0	43.2	44.4	44.7	44.4	44.9	45.1	44.3	43.0	42.3	42.4	42.6	42.2	42.0	42.3	41.9
17	41.8	41.2	40.9	40.4	39.7	39.2	39.8	39.2	41.0	42.8	44.8	44.0	44.8	45.0	45.4	44.7	43.9	42.7	42.9	43.1	43.0	43.5	44.2	44.9
18	45.3	45.7	45.0	44.5	44.0	43.3	42.3	41.9	42.9	43.8	45.0	44.9	44.7	44.8	44.3	44.0	42.2	41.3	40.0	39.9	38.5	38.5	39.0	39.8
19	39.0	37.0	36.3	34.8	35.7	35.5	35.5	34.0	36.2	36.0	39.5	40.8	40.0	36.9	38.0	39.1	38.6	38.0	37.1	35.9	36.1	34.8	33.8	34.9
20	36.2	37.4	37.0	36.7	36.6	37.4	36.0	36.6	37.4	39.7	40.6	39.4	40.5	40.7	41.4	41.2	39.7	39.8	39.0	39.0	38.0	35.8	36.0	36.1
21	37.7	38.9	35.8	36.8	36.0	36.3	35.3	33.4	34.8	37.3	38.3	38.9	39.4	39.9	40.3	39.7	38.0	36.1	35.0	33.4	32.5	31.8	32.6	31.6
22	31.0	29.2	29.2	28.0	28.0	28.1	29.8	29.6	32.9	34.3	35.4	39.5	42.5	44.0	44.5	44.8	42.9	41.8	41.0	40.0	39.0	40.5	41.9	41.7
23	41.9	41.1	42.5	41.8	40.8	38.8	38.4	39.3	40.9	40.2	42.8	42.0	42.6	43.2	43.9	43.8	43.7	44.0	44.2	44.9	44.9	44.8	44.4	44.3
24	45.3	46.7	46.7	46.8	46.8	46.7	46.0	45.3	46.2	46.3	49.2	48.8	48.3	48.0	46.7	46.7	44.9	43.0	43.2	41.7	41.8	41.4	40.7	40.7
25	40.9	41.0	42.0	40.2	40.0	39.7	38.8	37.0	40.4	41.2	42.3	39.9	42.4	43.0	40.5	39.2	39.6	38.5	37.5	36.8	36.6	36.1	35.4	
26	34.5	34.3	34.0	33.7	32.9	32.8	32.7	33.4	34.8	36.0	37.0	37.8	38.9	38.7	37.4	35.2	32.6	31.5	30.8	31.0	29.7	29.4	29.4	28.3
27	27.7	26.8	25.7	22.8	22.4	22.9	22.9	22.4	25.8	28.3	28.6	29.0	29.7	29.6	30.0	*	*	27.5	27.8	25.9	*	26.5	26.1	26.4
28	25.0	27.1	27.2	26.6	25.8	24.3	25.7	26.0	29.0	31.1	32.0	32.4	33.6	32.0	34.6	33.6	32.2	30.9	29.2	28.6	28.1	27.4	26.4	
29																								
30																								
31																								

HOURLY VALUES

February 1877.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS
545	29.544	29.541	29.547	29.553	29.564	29.572	29.583	29.599	29.616	29.643		1
231	.161	.113	.162	.157	.170	.288	.354	.419	.464	.522		2
476	.476	.483	.480	.497	.501	.497	.490	.495	.481	.489		3
820	.835	.842	.853	.865	.867	.865	.843	.805	.829	.815		4
759	.785	.795	.824	.844	.861	.877	.886	.888	.896	.897		5
661	.652	.637	.620	.609	.615	.615	.615	.634	.633	.632		6
722	.730	.735	.736	.773	.783	.805	.812	.807	.808	.819		7
744	.736	.734	.731	.733	.733	.725	.717	.716	.708	.705		8
617	.593	.552	.513	.480	.460	.429	.402	.388	.373	.377		9
620	.616	.623	.618	.618	.599	.573	.557	.518	.485	.445		10
363	.395	.431	.476	.526	.534	.540	.551	.565	.557	.543		11
252	.257	.269	.267	.255	.247	.265	.264	.263	.258	.263		12
393	.397	.418	.451	.484	.502	.530	.541	.553	.571	.579		13
473	.473	.467	.463	.463	.467	.460	.461	.458	.464	.473		14
192	.148	.137	.151	.224	.238	.263	.282	.292	.295	.306		15
374	.379	.395	.399	.417	.432	.465	.475	.508	.532	.548		16
747	.729	.749	.755	.760	.755	.756	.747	.733	.710	.701		17
677	.668	.663	.653	.650	.643	29.634	29.615	29.592	29.565	29.541		18
301	.238	.195	.128	.063	.005	28.938	28.862	28.840	28.837	28.890		19
187	.207	.241	.285	.331	.387	29.417	29.458	29.493	29.516	29.545		20
794	.796	.814	.835	.866	.878	.908	.921	.936	.950	.940		21
581	.581	.588	.599	.625	.630	.652	.671	.687	.693	.745		22
757	.721	.702	.672	.659	.630	.612	.581	.557	.521	.493		23
169	.150	.141	.140	.164	.153	29.146	29.129	29.128	29.107	29.087		24
010	.015	.016	.017	.015	.009	28.997	28.988	28.989	28.983	28.997		25
393	.408	29.441	29.475	.493	.510	29.529	29.537	29.532	29.528	29.530		26
702	29.709	*	*	29.769	29.791	29.817	29.823	29.852	29.861	29.883		27
095	30.093	30.093	30.093	30.106	30.109	30.105	30.109	30.112	30.111	30.108		28
												29
												30
												31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS
0	35.9	36.0	35.9	36.0	36.2	37.8	39.2	41.8	43.9	45.7	46.6	47.0	47.1	47.0	47.4	47.9	48.1	48.3	47.9	47.4	47.0	46.9	44.9		1
1	43.4	44.9	42.4	41.4	38.7	39.6	40.0	40.3	40.7	41.1	43.3	46.7	47.7	48.0	47.5	40.0	39.8	39.9	38.0	36.0	36.0	34.7	34.9		2
8	34.9	36.0	35.7	36.7	37.0	36.1	36.9	36.9	37.8	34.9	35.9	34.9	36.3	34.6	34.8	34.5	34.0	34.2	33.8	34.4	34.0	34.8	34.3		3
8	35.1	34.7	34.0	35.3	35.2	35.0	34.7	34.3	34.4	36.0	36.9	38.3	38.9	38.7	39.0	37.7	38.2	38.7	39.0	39.7	39.7	40.0	40.1		4
6	40.9	41.0	41.1	41.3	41.5	41.6	41.9	42.4	43.3	44.6	45.0	45.4	45.9	45.3	43.7	41.7	40.9	40.3	40.3	40.9	41.1	40.3	40.8		5
2	42.7	43.2	43.3	43.3	44.0	44.9	45.7	46.3	46.8	47.0	47.1	47.3	47.6	47.5	47.2	47.1	47.4	47.8	47.9	47.9	46.7	45.4	45.0		6
7	44.4	44.5	44.8	44.0	44.0	44.0	44.0	42.9	43.4	44.0	44.3	44.3	44.3	44.2	44.7	39.6	39.9	39.0	38.9	38.4	38.4	38.4	38.7		7
4	38.7	38.2	38.9	38.6	38.6	38.8	39.0	39.5	40.3	40.9	41.4	42.1	41.8	41.5	41.3	40.7	41.0	40.8	40.7	40.7	40.7	40.7	40.9		8
6	40.0	40.6	40.7	40.8	40.6	40.1	40.0	41.3	41.4	42.2	42.2	41.9	42.0	42.0	41.8	41.3	46.0	46.5	46.0	47.1	47.3	47.3	46.4		9
8	45.1	46.8	45.9	45.6	45.5	45.0	43.2	40.0	39.7	39.5	39.0	38.9	38.8	38.8	39.3	39.0	38.0	37.8	36.4	36.0	35.9	35.8	35.4		10
8	36.0	36.1	36.4	41.9	42.9	42.1	41.4	42.4	42.8	43.5	44.4	44.0	43.9	43.9	42.9	41.4	40.8	38.1	36.8	36.7	36.3	36.2	35.9		11
2	36.3	36.1	35.6	35.7	37.0	37.4	36.9	37.9	37.1	36.6	38.7	40.7	41.4	41.0	40.8	40.0	40.8	39.2	39.2	40.0	40.0	40.0	39.8		12
0	40.0	40.0	39.4	39.0	39.0	38.7	39.0	40.0	40.4	41.6	42.2	42.9	41.9	41.9	42.0	41.8	40.7	39.7	38.9	39.1	39.0	38.8	40.1		13
9	40.7	40.7	40.8	41.1	40.4	41.0	41.2	42.0	47.4	48.0	48.6	48.9	48.8	48.9	49.1	49.8	49.0	49.0	48.8	48.5	47.7	47.1	46.6		14
2	46.3	46.4	46.8	46.4	45.9	45.0	43.9	43.9	46.3	47.0	47.0	46.7	46.4	46.9	43.0	41.4	40.2	38.6	38.3	36.2	36.4	36.0	34.8		15
0	35.3	36.0	36.8	37.3	38.9	40.1	39.9	40.4	41.1	41.2	41.3	41.7	41.4	42.0	41.3	40.8	39.9	39.8	39.5	39.5	39.5	39.9	39.5		16
4	39.4	38.3	37.6	37.0	36.9	37.5	37.0	38.0	39.4	40.8	40.0	40.4	40.7	40.9	40.9	40.3	40.0	40.9	41.6	42.0	42.8	43.6	44.1		17
7	45.0	44.6	44.0	43.3	42.4	41.5	41.0	41.0	42.0	42.2	41.6	41.5	40.9	40.5	40.3	39.1	38.9	38.0	38.1	37.5	37.3	37.8	38.0		18
1	35.5	34.4	34.0	34.3	34.4	34.4	33.5	35.7	35.0	37.7	38.7	37.6	35.6	36.8	37.4	37.0	36.8	35.9	34.9	35.1	33.9	33.1	34.0		19
2	34.8	34.3	34.5	34.8	34.9	33.2	34.3	34.9	36.0	36.7	36.4	36.5	36.9	37.3	37.0	36.4	35.8	35.3	34.9	34.4	33.4	33.0	33.0		20
3	32.9	32.9	32.7	31.9	31.8	31.4	31.0	31.9	32.6	33.0	33.7	34.0	34.4	34.5	34.0	33.0	32.1	31.0	30.4	29.1	28.9	29.0	*		21
0	27.4	27.2	26.7	26.7	27.0	28.7	28.8	31.5	32.6	34.0	37.8	39.8	40.4	40.3	39.3	38.5	37.6	36.8	36.0	35.9	36.4	37.1	37.4		22
3	36.8	37.1	36.8	36.0	35.3	35.4	37.1	37.6	39.3	39.4	39.0	39.9	41.0	41.9	42.0	42.7	42.8	42.6	42.2	42.4	43.0	43.3		23	
4	45.0	45.1	45.2	44.9	44.4	44.0	43.8	44.0	45.1	46.5	46.0	44.3	43.8	43.0	42.7	41.8	40.7	41.0	39.2	39.0	39.4	37.6	37.9		24
5	38.7	38.8	38.9	38.0	37.8	36.0	35.3	36.1	36.0	36.5	36.4	37.4	37.9	36.4	36.4	36.5	35.8	35.0	34.9	34.8	34.3	33.4	32.8		25
1	30.2	29.7	29.5	29.2	29.2	29.4	29.4	30.2	31.9	32.0	32.5	34.0	35.0	32.6	*	29.8	27.9	27.7	27.2	26.5	26.4	26.9	27.5		26
7	26.6	25.7	22.8	21.9	21.9	21.0	20.8	23.0	24.2	24.0	24.0	24.2	24.5	24.8	*	*	25.3	24.9	24.0	*	24.9	24.5	24.8		27
3	25.4	25.2	25.0	24.5	23.3	24.5	25.0	27.8	30.0	31.6	31.6	28.1	28.0	28.2	28.8	28.1	27.5	27.4	26.8	26.7	26.4	25.8	25.0		28
																									29
																									30
																									31

Meteorological Office,
116, Victoria Street, Westminster. S. W.

ROBERT H. SCOTT, Director.



WIND

DIRECTION IN NUMBERS

8-E 24-W
16-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	5	4	5	3	5	2	5	3	5	3	4	55	4	4	6	3	22	55	20	14	18	17	18	19	19	22
2	18	75	18	65	18	3	18	2	18	4	18	65	18	65	18	45	6	75	6	85	6	75	6	75	13	13
3	19	25	19	26	18	28	19	41	19	36	19	30	19	28	20	26	20	31	20	37	21	37	20	29	22	26
4	14	27	20	26	21	21	20	21	21	21	21	17	21	14	26	11	19	14	20	13	22	14	22	18	22	16
5	14	24	19	24	19	30	19	33	19	35	19	32	19	32	19	37	19	36	20	29	21	36	22	31	22	22
6	25	4	24	75	22	65	21	85	20	12	19	20	20	19	19	18	18	19	19	20	19	31	18	28	18	23
7	20	14	20	105	20	11	15	75	22	95	21	11	17	12	22	21	23	21	22	18	21	13	22	20	23	2
8	23	30	24	31	23	28	22	25	22	24	21	23	21	23	22	23	20	19	20	21	21	18	22	29	22	2
9	23	23	23	23	23	21	22	20	22	20	23	22	23	20	21	19	22	21	22	19	21	17	21	17	21	18
10	25	23	23	22	24	21	23	20	20	14	23	15	25	11	25	85	6	11	9	12	11	85	10	85	7	9
11	6	13	5	95	5	95	5	75	20	11	24	14	25	24	25	33	24	31	23	30	23	31	22	32	24	30
12	5	14	5	17	6	19	5	20	5	19	7	19	6	18	5	6	2	55	24	65	23	45	25	95	25	17
13	21	16	21	16	23	13	22	15	23	105	22	15	21	11	6	55	21	95	22	85	21	13	22	12	22	13
14	21	75	20	65	19	75	19	2	17	45	9	75	9	55	9	45	9	65	19	27	20	26	20	31	20	32
15	19	19	20	17	19	27	18	23	19	22	19	12	18	18	17	18	17	21	17	21	17	31	18	29	18	32
16	21	17	20	20	19	20	20	29	20	28	22	28	22	21	22	19	24	20	25	27	26	27	25	33	25	24
17	25	14	25	13	25	105	21	17	25	14	23	14	26	16	24	12	24	16	23	12	24	17	25	16	25	18
18	20	11	22	105	23	55	23	45	23	45	23	65	24	75	24	85	25	85	24	11	23	16	24	17	22	13
19	22	19	22	15	21	15	22	105	20	17	21	95	21	14	20	95	20	18	20	13	19	20	20	22	18	24
20	32	11	29	95	26	95	27	12	26	11	24	105	20	95	25	20	25	19	26	16	25	23	25	20	26	16
21	27	55	27	85	28	65	29	16	26	12	27	16	27	13	20	12	26	95	29	95	30	12	29	105	27	11
22	32	55	32	4	32	55	32	45	27	75	27	65	27	45	27	4	22	95	22	105	22	95	22	14	26	17
23	30	20	30	13	31	85	31	75	27	105	28	12	29	85	29	105	18	55	18	55	23	95	26	13	25	14
24	23	23	24	25	23	26	24	20	24	14	21	16	23	23	26	27	24	21	24	18	24	24	23	23	23	25
25	26	15	23	25	26	25	24	19	24	22	25	21	24	21	25	25	26	21	26	32	25	29	25	26	25	23
26	4	95	5	75	1	13	31	75	5	65	32	65	1	55	30	11	30	15	30	13	30	13	25	14	25	17
27	27	4	28	3	28	65	28	65	26	4	26	65	27	75	27	55	27	12	27	12	29	18	29	20	29	21
28	25	95	26	12	26	12	24	11	20	45	20	45	20	4	22	65	23	55	27	75	2	95	28	75	30	66
29																										
30																										
31																										

RAINFALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET
HEIGHT ABOVE MEAN SEA LEVEL 180 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	-	005	002	003	004	003	009	001	-	-	-	-	-	-	-	-	004	006	009	-	019	001	001	
2	005	002	001	002	-	-	-	-	022	022	004	004	012	056	004	024	-	-	008	012	003	001	014	
3	028	004	001	005	003	040	001	110	020	006	035	005	-	003	008	002	002	-	001	004	-	-	-	
4	002	-	028	103	032	003	014	002	-	001	-	-	-	-	-	-	-	-	-	-	-	-	002	
5	010	018	020	010	001	037	020	022	011	029	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	-	-	-	-	-	-	-	-	-	-	-	-	-	003	002	002	001	002	017	045	058	009	020	
7	005	002	-	-	003	001	-	019	001	-	-	-	-	-	-	-	005	023	003	003	-	001	-	
8	-	001	001	001	001	-	-	-	-	-	-	-	-	002	013	-	-	-	-	-	002	003	002	006
9	002	007	003	010	002	-	-	-	-	-	-	-	-	001	048	041	060	080	018	041	021	035	010	020
10	002	-	001	-	-	-	001	-	-	001	-	-	-	-	-	-	-	-	-	044	064	060	043	049
11	060	048	040	042	013	027	090	-	-	-	005	002	001	002	001	002	-	187	-	-	-	-	-	
12	-	-	027	053	045	133	152	200	055	007	-	008	008	028	006	-	005	010	039	001	-	-	-	001
13	054	-	001	002	004	002	001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	038	092	043	017	046	006	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	001	001	001	-	-	-	-	-	-	-	-	-	-	004	046	140	058	032	006	015	009	-	-	-
16	-	-	-	-	-	010	049	002	049	002	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	002	001	001	001	001	002	003	008
18	033	038	009	008	002	010	020	001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	001	001
19	001	001	001	017	002	001	004	001	002	008	-	-	-	005	063	002	-	-	002	030	078	065	015	002
20	008	-	-	001	002	001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24	04	003	002	001	-	009	-	-	-	-	-	-	-	-	-	-	-	-	002	018	-	008	004	001
25	005	002	010	034	016	-	-	020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27	-	-	-	-	-	-	-	-	-	045	-	-	-	-	-	-	-	-	-	-	-	-	-	
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

AND VELOCITY IN MILES PER HOUR

[illegible]

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT		DAY
11	210	212	210	212	212	226	237	264	277	292	300	301	312	312	312	326	330	324	320	315	295	277			1
10	270	260	260	255	233	239	243	241	246	247	272	301	315	317	291	216	209	223	198	180	170	176	189		2
9	171	185	195	196	204	197	212	201	206	195	191	187	195	185	170	173	169	170	180	171	171	180	174		3
8	181	188	186	192	186	194	181	188	182	185	193	201	205	200	209	198	211	211	215	223	223	226	231		4
7	244	244	244	241	249	249	251	253	268	278	276	287	287	266	254	239	232	231	233	243	243	238	245		5
6	268	270	270	264	276	280	291	302	304	303	305	309	313	311	310	305	310	321	325	328	292	285	279		6
5	275	276	283	273	276	275	274	255	256	258	254	260	245	231	228	198	217	209	206	204	202	201	209		7
4	206	201	207	205	208	205	209	215	218	224	229	239	233	237	233	229	231	231	228	233	232	231	239		8
3	226	237	237	239	230	224	227	235	233	241	240	239	247	255	255	267	295	301	301	311	313	313	304		9
2	276	293	292	282	282	279	258	231	228	221	208	203	205	205	213	211	203	208	200	202	200	204	202		10
1	207	205	210	265	271	246	218	234	238	259	262	241	235	257	242	218	222	200	196	196	192	196	194		11
0	202	202	200	202	209	214	214	221	214	211	224	233	220	220	222	224	234	222	217	228	227	230	227		12
9	233	229	224	222	223	218	215	216	224	233	237	242	230	230	237	241	231	229	222	225	226	224	237		13
8	242	239	241	244	242	246	253	256	311	322	330	332	330	332	335	343	326	326	318	315	302	294	292		14
7	287	286	294	288	283	274	263	258	284	281	277	284	283	305	264	243	283	217	214	189	197	190	181		15
6	186	188	195	205	217	233	229	233	234	224	223	234	223	232	227	230	220	217	211	214	216	220	217		16
5	221	203	196	192	195	200	197	197	206	213	205	206	209	209	215	212	218	233	246	255	267	276	278		17
4	291	289	281	272	260	253	246	235	246	237	226	227	214	212	211	207	211	207	210	213	209	214	209		18
3	191	179	186	183	187	187	186	204	193	207	212	200	194	204	206	203	204	197	192	192	184	180	185		19
2	175	170	177	183	176	161	174	176	175	179	184	176	181	183	179	182	171	169	163	163	166	158	157		20
1	149	157	147	141	137	137	144	148	141	140	146	146	149	147	144	142	143	133	134	117	118	115	*		21
0	114	109	115	115	120	137	143	158	165	180	208	216	213	206	189	190	185	177	172	179	174	177	182		22
9	176	172	172	166	171	169	168	183	198	204	204	201	211	225	244	247	259	259	246	238	243	260	268		23
8	279	281	282	275	266	265	268	263	285	285	257	247	239	236	230	230	228	232	213	209	219	193	198		24
7	210	204	222	207	206	183	187	171	163	165	180	177	180	174	186	185	182	177	182	183	174	164	159		25
6	124	118	118	117	117	122	118	122	141	134	136	150	167	140	*	129	102	104	093	090	091	100	132		26
5	139	139	122	103	089	065	071	064	062	059	057	057	061	064	*	*	085	077	083	*	095	092	095		27
4	097	091	097	099	098	101	107	125	147	172	*	098	095	096	104	098	094	098	100	106	106	107	100		28
3																									29
2																									30
1																									31

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.632	29.630	29.630	29.631	29.628	29.620	29.615	29.620	29.622	29.623	29.622	29.625	29.62
2	746	762	769	766	760	755	739	733	709	661	608	557	48
3	506	532	542	538	518	492	492	492	469	454	445	435	48
4	474	470	470	489	515	538	575	608	654	710	750	787	82
5	792	765	744	723	700	674	654	634	637	657	693	743	78
6	997	967	956	932	907	877	847	833	797	764	731	699	679
7	660	669	680	675	677	691	701	715	717	726	737	732	73
8	799	795	780	784	778	772	771	767	766	755	751	740	72
9	656	656	650	659	669	681	682	677	692	692	703	701	69
10	401	477	501	524	554	569	593	650	654	677	709	734	74
11	613	554	497	440	369	283	243	224	217	219	253	317	38
12	714	687	675	653	608	576	529	484	432	380	362	337	315
13	309	309	309	310	316	327	340	350	371	393	403	424	42
14	636	651	658	655	656	631	618	608	606	606	585	563	54
15	475	459	471	466	466	460	443	431	425	395	389	382	32
16	307	299	267	233	205	190	202	210	219	246	265	292	31
17	522	534	554	580	593	614	645	684	707	730	750	771	78
18	768	761	750	737	737	725	728	747	757	757	765	761	75
19	612	586	563	528	520	515	507	503	493	473	453	423	38
20	077	097	110	127	141	148	154	161	166	174	186	194	207
21	29.551	571	598	606	619	650	677	702	722	764	809	834	85
22	30.000	983	970	949	933	894	852	819	784	727	688	664	63
23	29.802	815	821	822	835	835	855	872	879	874	868	848	82
24	398	29.360	29.337	29.323	29.315	29.317	29.308	29.293	29.268	29.237	29.211	29.187	29.167
25	011	28.985	28.949	28.941	28.901	28.892	28.882	28.857	28.867	28.881	28.935	28.962	28.97
26	075	29.099	29.119	29.124	29.162	29.182	29.212	29.242	29.271	29.305	29.329	29.362	29.401
27	566	562	572	565	579	29.589	29.602	29.602	29.613	29.626	29.650	29.656	29.673
28	29.865	29.896	29.926	29.950	29.978	30.002	30.029	30.063	30.089	30.105	30.127	30.153	30.153
29													
30													
31													

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	39.6	39.6	39.3	39.4	39.8	39.9	40.3	39.7	40.0	40.5	40.8	40.4	41.2	41.3	42.6	43.2	42.9	43.5	45.2	44.2	45.4	45.4	45.8	45.7
2	45.1	44.0	43.6	43.6	41.2	41.1	38.9	37.4	38.7	39.1	40.6	43.1	43.7	45.1	45.4	46.1	46.3	47.1	43.3	42.3	41.2	39.8	38.6	39.3
3	36.0	36.5	36.4	36.5	36.5	30.3	36.7	37.2	38.3	38.2	39.2	40.6	39.7	39.4	39.4	37.3	35.8	35.6	35.2	35.2	35.6	34.7	34.6	35.1
4	35.7	34.8	34.4	35.4	36.7	35.8	35.9	36.4	36.7	37.6	37.7	39.7	40.8	41.2	40.8	39.6	37.6	37.0	37.6	36.3	37.7	37.8	37.9	38.3
5	39.0	39.7	40.3	40.5	40.6	40.9	41.5	42.5	42.5	43.8	48.1	46.0	46.1	47.2	45.9	44.1	43.2	40.8	40.8	41.2	38.9	37.7	39.0	38.4
6	37.2	35.9	35.4	35.3	36.9	38.2	38.4	39.4	42.7	43.4	43.3	46.2	48.7	47.7	48.3	48.9	48.6	48.4	48.1	48.2	48.4	49.6	47.6	45.7
7	40.5	40.5	41.2	42.2	43.8	43.2	41.2	42.6	42.4	44.0	45.3	46.3	46.5	46.7	46.4	45.2	44.6	47.6	40.6	39.4	39.1	37.7	38.4	38.6
8	38.4	38.1	39.1	39.8	39.5	37.7	37.3	36.4	38.7	40.4	41.6	44.0	44.2	43.6	43.4	42.7	42.1	40.1	40.6	41.8	40.5	41.0	40.6	41.4
9	41.2	40.1	41.2	39.6	39.3	39.3	39.3	39.5	39.0	40.5	41.5	43.2	42.9	43.0	42.5	41.4	39.9	38.9	37.9	37.4	36.9	36.8	36.2	35.7
10	35.4	35.5	34.0	33.9	34.3	34.4	34.8	35.4	35.3	36.5	37.4	38.0	38.3	37.9	37.6	36.7	35.6	35.0	34.8	34.4	34.6	34.9	34.7	34.0
11	33.6	33.4	33.5	33.9	35.2	38.7	38.8	37.4	37.1	37.1	35.6	35.4	35.6	36.0	36.2	35.9	35.1	34.3	35.0	34.6	34.4	33.7	33.0	32.2
12	31.8	33.6	32.1	34.0	36.1	36.1	35.2	33.9	35.0	34.7	33.9	34.3	34.8	36.5	37.3	35.7	33.9	32.5	32.1	32.6	33.0	33.1	34.2	34.3
13	33.6	34.3	35.0	37.4	35.6	35.0	35.2	35.8	35.1	39.2	40.4	41.9	42.5	42.9	44.3	43.5	41.0	40.7	38.1	38.2	37.7	35.5	38.3	39.4
14	36.0	36.0	37.0	37.1	36.7	37.4	35.7	36.9	38.2	38.4	39.7	40.8	41.4	42.1	43.5	44.3	47.1	47.8	46.8	45.5	45.5	46.1	46.0	47.6
15	48.3	47.4	47.1	47.4	46.1	45.7	46.5	47.8	47.8	48.0	48.5	48.8	49.4	48.6	48.3	47.4	48.7	47.2	45.2	42.9	42.4	41.0	39.2	37.7
16	36.4	35.6	34.7	35.7	36.6	37.3	37.0	39.4	40.3	42.0	42.4	43.5	44.3	44.7	43.8	41.3	37.5	37.0	39.5	41.9	42.1	41.3	40.8	40.4
17	41.4	41.4	40.6	41.0	41.0	41.1	41.0	41.3	42.0	42.6	43.4	43.1	44.3	44.7	44.8	44.0	42.8	41.9	39.7	39.6	38.6	38.0	39.2	39.6
18	38.9	38.1	38.6	38.6	38.3	38.8	40.0	38.3	39.7	43.6	45.4	46.3	46.3	46.9	46.3	44.7	43.3	40.9	38.8	39.6	37.2	36.3	35.7	35.6
19	35.7	34.5	35.6	35.5	36.5	36.1	33.7	33.8	36.1	37.6	39.5	40.9	42.0	42.4	42.3	40.9	38.8	37.3	35.8	34.7	33.7	32.7	32.2	31.0
20	30.9	31.2	30.9	32.0	32.6	34.2	35.6	35.1	36.6	38.0	38.3	39.9	39.6	39.5	40.2	38.9	37.7	37.0	35.8	36.2	35.6	35.5	36.1	36.0
21	36.4	36.0	35.9	36.4	36.3	36.5	36.3	35.4	36.1	35.0	38.1	39.0	38.4	38.6	34.9	33.4	33.8	33.1	33.6	33.7	33.6	33.4	32.6	
22	32.3	32.6	31.5	30.5	30.7	31.1	31.8	32.3	33.3	34.4	38.4	39.5	41.5	40.4	40.2	39.3	39.1	38.3	38.4	40.3	40.0	39.6	38.3	39.6
23	39.4	40.1	40.0	39.9	39.6	39.1	37.9	37.5	37.1	38.4	38.3	40.9	41.6	41.4	41.7	41.9	41.6	41.6	41.7	43.7	43.5	45.9	45.6	45.3
24	46.1	46.3	46.3	46.6	45.6	45.1	44.9	43.4	45.7	46.4	48.4	47.4	45.8	46.5	45.4	45.3	41.0	40.6	40.2	39.2	39.5	39.0	39.4	39.3
25	37.3	38.0	36.7	38.1	36.4	34.5	36.3	36.9	35.0	38.1	39.6	39.8	40.1	37.2	39.3	37.3	36.7	35.3	34.9	34.0	33.6	33.0	32.3	32.1
26	32.2	31.3	32.0	32.4	32.7	34.0	34.0	34.0	35.0	35.2	35.2	34.4	31.1	30.8	32.2	29.9	27.8	27.8	27.1	26.4	26.0	25.1	24.5	24.4
27	24.6	24.1	23.0	23.5	23.0	23.0	21.3	21.2	24.2	24.0	22.5	22.0	22.6	26.3	26.4	24.0	26.1	24.0	24.9	26.5	25.0	25.8	25.6	26.8
28	28.3	-	-	-	-	-	-	-	-	-	31.0	32.4	32.1	32.9	32.7	32.4	32.7	31.9	30.0	29.0	27.0	27.9	26.8	26.3
29																								
30																								
31																								

HOURLY VALUES February 1877.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
628	29.621	29.631	29.641	29.643	29.649	29.664	29.666	29.686	29.705	29.726	1
419	359	264	209	168	184	166	198	298	399	449	2
482	485	489	498	495	499	500	498	502	481	478	3
843	860	873	886	894	905	902	890	876	866	823	4
805	837	867	897	917	934	959	971	975	979	981	5
680	640	627	632	620	612	592	601	620	627	659	6
740	735	747	771	784	800	806	818	811	803	806	7
711	690	675	667	664	665	674	664	664	661	660	8
690	679	673	661	637	609	580	546	520	491	472	9
744	754	759	766	766	766	751	727	707	677	651	10
453	514	561	596	629	663	674	691	701	707	717	11
287	284	293	307	311	311	309	307	317	311	316	12
452	456	486	506	532	552	565	583	602	614	626	13
526	517	503	494	498	498	484	485	485	483	471	14
278	254	237	212	199	205	234	252	287	305	313	15
327	337	371	383	395	405	438	458	483	500	518	16
785	800	810	821	827	831	835	825	811	798	778	17
743	737	728	720	717	712	703	691	673	650	630	18
346	303	269	223	187	149	112	090	074	062	066	19
226	244	291	332	377	417	440	465	29.492	29.522	29.535	20
865	887	916	910	959	972	982	995	30.009	30.010	30.003	21
622	612	605	611	617	631	654	709	29.744	29.771	29.786	22
796	765	735	700	658	622	570	536	486	436	418	23
139	111	104	119	117	115	095	081	069	039	022	24
003	011	027	040	062	072	067	067	075	061	077	25
433	444	458	483	502	512	527	537	549	556	563	26
680	29.690	29.701	29.703	29.721	29.736	29.751	29.769	29.786	29.813	29.843	27
162	30.164	30.168	30.185	30.182	30.199	30.209	30.208	30.206	30.203	30.202	28
											29
											30
											31

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
5	387	387	391	394	396	400	395	394	396	400	396	403	405	416	423	422	429	440	439	447	449	449	447	1
2	432	426	424	403	399	380	364	379	382	402	430	437	447	450	456	459	458	399	391	382	370	361	340	2
4	335	335	341	345	347	348	353	363	363	370	378	364	356	344	346	331	324	325	324	327	326	325	329	3
2	330	328	332	336	335	326	327	328	334	345	351	356	361	357	354	340	336	344	336	350	357	362	367	4
2	383	386	388	388	389	396	401	397	406	436	430	424	427	418	407	397	384	383	384	371	361	367	364	5
3	344	341	340	351	362	366	384	411	420	417	436	457	461	468	468	470	469	466	464	457	456	439	429	6
0	421	395	399	400	397	389	393	393	406	412	412	412	422	416	408	400	382	371	358	354	345	351	350	7
2	350	356	360	360	349	347	354	356	370	379	392	396	396	387	387	382	370	372	379	378	372	371	370	8
1	372	370	367	367	372	369	365	364	381	385	392	386	388	391	380	376	376	365	364	361	361	356	350	9
2	350	336	335	338	339	342	346	343	345	353	353	355	357	353	349	344	340	337	334	333	337	341	336	10
4	333	334	339	350	385	387	374	386	365	350	349	351	354	354	350	340	334	331	331	331	323	317	310	11
3	303	304	310	320	319	*	333	338	343	339	342	345	359	369	352	336	324	321	322	326	329	340	341	12
3	335	338	353	346	339	337	342	337	367	376	387	386	390	402	400	381	374	360	358	354	343	356	363	13
2	341	346	349	346	349	343	347	367	376	394	404	411	416	424	431	444	441	442	444	452	454	458	466	14
6	461	454	457	446	440	448	453	452	451	449	452	467	459	453	450	457	456	431	404	395	380	367	346	15
5	327	328	335	341	352	352	361	362	367	369	379	386	384	385	376	358	354	371	383	385	380	377	377	16
6	387	380	379	383	386	388	389	394	397	403	403	410	413	411	404	394	391	377	369	365	360	367	377	17
5	374	378	380	382	382	384	373	378	407	416	413	400	406	409	397	394	379	360	358	345	337	334	334	18
5	330	339	349	347	342	324	321	334	342	351	361	363	367	370	361	361	350	343	335	328	318	312	303	19
19	297	307	312	314	*	330	329	338	351	357	368	366	370	373	373	359	355	350	352	344	344	346	343	20
2	353	347	352	349	356	352	347	353	345	362	360	358	358	356	341	326	321	--	*	--	314	310	318	21
7	308	297	289	291	294	302	306	320	323	347	372	386	381	384	373	373	371	373	391	391	384	372	385	22
5	392	391	389	383	377	368	363	361	369	364	375	376	376	384	387	389	391	395	409	409	421	425	429	23
5	439	443	442	431	421	417	410	421	423	423	429	433	429	418	412	385	376	370	370	367	360	359	357	24
3	352	350	355	339	335	334	334	342	358	362	371	371	351	355	348	335	325	324	316	*	316	309	306	25
1	307	306	312	306	310	307	312	*	310	317	316	290	286	276	277	247	247	247	242	229	233	235	233	26
3	229	226	225	220	220	213	204	227	218	216	215	225	231	236	233	234	236	240	244	244	244	247	257	27
6	--	--	--	*	*	--	--	--	274	284	289	284	294	*	296	282	270	258	246	251	247	240	246	28
																								29
																								30
																								31

Meteorological Office.
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Director.

WIND																
DIRECTION IN NUMBERS { 8-E 24-W } 16-S 32-N																
DAYS	1		2		3		4		5		6		7		8	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	14	19	14	17	15	10.5	15	9.5	16	17.5	16	10.5	15	9.5	16	8.5
2	18	4	18	4	18	6.5	18	4	18	6.5	18	7.5	18	5.5	18	3
3	22	21	19	22	19	31	18	2.5	19	22	18	2.8	19	2.8	16	14
4	20	23	19	20	20	18	20	10.5	23	17	22	20	22	14	23	20
5	8	20	18	22	19	26	19	2.5	18	22	18	22	18	16	20	2.5
6	24	4.5	24	4.5	24	4	24	5.5	24	5.5	19	8.5	18	10.5	17	10.5
7	23	7.5	22	14	23	4.5	23	8.5	20	13	21	11	21	5.5	21	10.5
8	22	15	22	13	22	14	23	14	23	14	23	9.5	23	8.5	21	14
9	24	18	24	17	25	2.8	24	18	23	14	24	8.5	24	12	24	14
10	10	12	7	7.5	3	8.5	3	9.5	31	11	30	12	28	16	28	16
11	28	9.5	28	17	15	18	14	20	14	18	13	16	13	4	13	4.5
12	32	5.5	32	6.5	32	4.5	7	10.5	11	20	13	22	13	28	13	30
13	22	5.5	22	7.5	22	8.5	22	6.5	22	4	22	4.5	22	4.5	22	5.5
14	22	10.5	21	11	21	5.5	21	4.5	21	5.5	21	4.5	21	4	21	5.5
15	18	21	18	20	18	10.5	18	14	18	9.5	18	12	16	11	17	16
16	23	11	20	10.5	20	7.5	18	10.5	18	18	19	23	20	14	22	18
17	27	32	26	38	26	33	26	34	27	33	27	34	27	31	27	33
18	21	3	21	4	21	2	21	3	21	4	21	4.5	21	4	21	4
19	22	4	22	6.5	22	4	20	13	20	11	20	7.5	20	5.5	20	9.5
20	23	12	24	11	24	14	26	13	26	14	26	18	27	14	27	11
21	27	22	27	27	27	2.5	28	26	28	23	28	26	29	2.5	28	26
22	28	12	28	13	27	10.5	27	9.5	25	8.5	25	8.5	22	8.5	20	5.5
23	30	10.5	30	16	29	18	29	23	28	22	29	20	30	18	29	15
24	24	17	23	15	25	16	27	24	27	19	28	17	27	12	26	11
25	24	19	24	21	23	19	25	18	24	21	24	23	24	20	25	28
26	27	20	29	15	30	12	30	17	31	14	30	18	30	19	29	19
27	27	19	28	26	27	24	27	24	27	24	28	22	28	2.5	27	26
28	27	34	27	30	27	26	28	23	27	21	27	16	28	17	28	22
29																
30																
31																

RAIN FALL																
GAUGE { HEIGHT ABOVE GROUND 2 FEET HEIGHT ABOVE MEAN SEA LEVEL 4.8 FEET.																
DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4
1	0.05	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	0.20	-	-	0.35
3	-	-	-	-	-	-	-	0.05	-	-	-	-	-	-	-	0.65
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	0.55	0.60	0.25	0.05	-	-	-	-	-	-	-	-	-	-	-	-
11	0.25	0.25	0.60	0.70	1.10	1.10	0.80	0.10	0.05	-	-	-	0.30	0.10	0.05	0.05
12	-	-	-	-	-	-	-	-	-	0.20	0.80	1.00	0.90	1.50	1.45	0.20
13	Total to 10 am = 0.80															
14	-	-	-	-	-	-	-	-	-	0.05	0.15	0.05	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	0.10	0.20	0.25	0.15	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	0.10	-	0.20	0.20	0.20	0.30	0.30	0.90	0.05	-	-	-	-	0.10
22	-	-	-	-	-	-	-	-	-	0.10	0.20	0.05	-	-	0.25	0.05
23	-	-	0.20	0.20	-	0.05	-	0.05	-	0.05	-	-	-	-	0.20	0.10
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	0.35	-	-	-	0.10	0.05	-	-	0.05	0.05	0.15	-	-	-	-	0.10
26	Snow, measured at 10 am = 0.70															
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	0.50	-	-	0.15	0.20	0.15	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

February 1877.

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT		DAYS
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
12	* 16	* 16	* 9.5	14 5.5	15 8.5	15 9.5	15 5.5	15 4.5	15 7.5	18 10.5											1	
5 23	15 19	14 29	14 34	15 36	19 32	18 25	20 33	22 30	21 25	21 28											2	
1 17	20 23	19 20	20 19	20 25	20 21	19 22	19 20	19 22	18 18	19 2.2											3	
3 15	21 14	21 12	21 11	21 14	21 16	21 8.5	20 13	20 19	20 18	18 2.0											4	
4 9.5	24 8.5	24 8.5	24 10.5	24 7.5	24 8.5	24 6.5	24 4.5	24 4.5	24 4.5	24 4.5											5	
6 11	18 22	20 22	19 18	18 13	18 10.5	18 17	19 12	25 17	23 11	23 4.5											6	
2 13	24 14	24 11	24 17	25 12	24 14	24 11	24 10.5	24 10.5	23 8.5	22 16											7	
3 9.5	23 10.5	24 14	24 18	22 15	23 14	25 21	24 17	24 20	24 17	24 18											8	
5 8.5	25 8.5	24 7.5	24 4	24 3	24 7.5	24 10.5	14 13	13 13	12 14	10 13											9	
8 11	28 10.5	28 5.5	28 6.5	28 4.5	28 3	28 4.5	28 5.5	28 4.5	28 9.5	28 7.5											10	
2 12	32 13	32 11	32 10.5	32 9.5	32 10.5	32 9.5	32 6.5	32 6.5	32 8.5	32 6.5											11	
0 11	3 11	30 11	28 12	28 9.5	28 4.5	22 3	22 3	22 4.5	22 3	22 4											12	
2 8.5	22 9.5	22 8.5	22 10.5	22 10.5	22 10.5	22 11	22 10.5	22 8.5	22 15	22 11											13	
4 14	17 11	17 5.5	20 9.5	21 21	19 20	19 19	18 11	18 10.5	18 10.5	18 19											14	
4 14	16 17	16 11	16 19	19 11	23 14	24 15	34 14	24 12	23 10.5	23 13											15	
6 34	26 28	26 29	24 19	23 20	24 25	26 35	26 32	26 29	26 29	26 27											16	
7 27	27 27	27 20	27 17	26 12	26 6.5	26 4	26 4.5	26 4	24 7.5	21 5.5											17	
4 11	24 11	24 9.5	24 5.5	24 4.5	24 7.5	24 8.5	24 11	23 10.5	22 8.5	22 7.5											18	
1 15	20 13	20 10.5	18 10.5	18 9.5	18 10.5	18 9.5	18 6.5	18 4	18 4.5	18 5.5											19	
6 23	28 23	32 16	28 13	28 12	28 17	28 19	28 20	27 23	28 22	28 25											20	
2 23	30 19	28 17	30 19	28 14	28 17	27 15	27 16	29 18	28 13	28 14											21	
5 24	27 22	28 23	28 27	27 29	27 28	28 16	31 15	31 11	30 16	30 16											22	
4 12	24 9.5	24 8.5	24 7.5	24 8.5	24 12	23 17	22 11	24 19	24 20	24 18											23	
4 22	26 33	24 34	26 32	25 19	24 16	25 20	24 25	24 17	24 19	23 18											24	
6 28	28 28	27 23	26 25	26 20	26 22	27 22	27 24	27 15	27 23	27 23											25	
8 29	29 35	28 37	26 32	28 29	28 30	27 28	27 26	27 31	26 26	27 25											26	
8 29	28 32	27 32	27 32	27 40	26 39	27 40	26 40	27 40	27 42	27 36											27	
7 19	27 19	27 17	28 19	27 12	27 10.5	27 5.5	27 9.5	27 8.5	27 8.5	27 7.5											28	
																					29	
																					30	
																					31	

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	225	225	235	236	240	243	241	234	233	237	234	240	243	251	260	260	269	280	274	286	292	287	284	1
2	270	261	257	240	232	219	204	219	321	244	276	285	291	294	300	305	292	210	206	199	191	187	147	2
3	162	163	172	179	185	182	185	192	193	197	198	182	171	152	173	161	150	155	153	155	161	160	161	3
3	166	168	165	162	168	153	150	149	151	168	160	160	165	161	166	160	159	162	165	176	187	195	200	4
7	215	215	216	215	214	222	212	215	218	234	244	232	225	222	217	208	206	204	203	202	195	194	193	5
5	183	182	181	185	192	197	222	239	251	246	255	272	291	301	295	302	303	298	293	275	261	245	245	6
9	231	223	221	207	208	211	206	208	216	216	208	205	221	214	210	200	196	186	174	170	168	171	168	7
2	172	173	174	176	174	174	176	177	185	191	191	197	202	188	195	192	188	187	189	193	183	186	178	8
9	192	179	188	191	200	194	185	188	204	202	199	192	194	204	194	201	211	200	204	203	204	201	196	9
8	198	188	187	188	189	190	192	187	179	183	178	178	186	182	183	186	184	180	179	175	179	190	188	10
1	189	190	195	202	231	234	223	211	209	197	198	199	201	199	194	183	180	166	171	173	165	161	155	11
6	130	138	139	141	140	*	183	180	194	195	194	196	201	214	200	189	182	183	177	180	185	194	194	12
7	182	180	183	190	182	176	181	177	192	196	203	195	198	206	210	199	190	189	185	183	185	180	182	13
4	177	175	179	178	176	183	178	201	216	238	246	254	257	258	263	261	247	259	279	298	296	301	305	14
1	288	283	286	277	268	277	272	270	265	257	261	287	276	267	270	272	286	253	224	212	197	192	169	15
3	155	164	169	171	183	186	179	173	170	170	175	180	174	182	188	191	189	196	196	198	195	194	198	16
5	207	199	195	202	207	211	211	214	214	217	220	221	203	221	213	206	210	205	191	194	190	192	206	17
0	215	218	222	224	224	215	211	206	222	222	209	187	192	202	194	201	196	183	173	172	167	167	168	18
0	170	177	185	182	178	167	160	164	163	162	167	164	167	172	167	185	179	182	178	176	167	160	156	19
8	140	168	155	160	*	160	161	166	175	182	187	186	194	192	206	191	191	195	195	186	187	185	180	20
9	192	189	193	195	198	194	194	198	194	193	189	178	183	178	187	175	160	...	*	...	150	144	151	21
8	149	136	151	133	134	143	146	164	158	165	198	204	205	213	202	204	207	210	225	228	219	207	221	22
4	229	228	225	217	211	205	200	201	202	194	190	186	188	199	203	208	212	219	225	227	228	238	239	23
6	259	268	262	250	234	228	230	229	227	227	227	252	236	226	216	206	194	187	197	189	181	175	173	24
4	176	185	181	169	180	162	156	188	186	179	193	190	182	170	176	160	154	155	149	*	159	152	148	25
5	161	149	158	143	139	134	142	*	132	143	146	126	121	095	111	074	074	082	080	060	080	099	096	26
0	089	109	093	088	088	115	087	082	064	091	101	118	061	069	105	068	115	103	102	114	096	109	112	27
5	...	...	...	*	...	...	...	...	097	106	116	104	122	*	125	105	096	083	081	079	086	077	089	28
																								29
																								30
																								31

*Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Director.*

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.820	29.828	29.833	29.840	29.848	29.850	29.854	29.868	29.875	29.878	29.880	29.877	29.8
2	29.840	29.882	29.875	29.860	29.848	29.830	29.820	29.822	29.812	29.800	29.787	29.765	7
3	30.023	30.028	30.033	30.044	30.046	30.046	30.045	30.051	30.047	30.037	30.031	30.012	29.9
4	29.925	29.923	29.929	29.931	29.945	29.973	29.992	.025	.053	.081	.102	.120	30.1
5	30.186	30.174	30.154	30.148	30.132	30.135	30.130	.130	.128	.124	.133	.118	.1
6	.130	.126	.118	.110	.100	.098	.098	.106	.108	.108	.109	.097	.0
7	.071	30.063	.059	.055	.050	.055	.057	.065	.067	.071	.079	.073	.0
8	.007	29.999	30.021	30.035	30.059	30.057	30.057	30.073	30.073	30.077	.079	.065	.0
9	30.009	.997	29.983	29.977	29.977	29.975	29.975	29.988	29.988	29.993	30.004	30.002	30.0
10	29.930	.912	.890	.882	.872	.876	.868	.876	.866	.867	29.881	29.890	29.8
11	.796	.782	.761	.742	.734	.741	.754	.772	.792	.800	.824	.829	.8
12	.788	.768	.739	.706	.686	.669	.636	.620	.606	.598	.617	.635	.6
13	.613	.607	.605	.599	.610	.615	.619	.640	.647	.663	.674	.674	.6
14	.848	.842	.845	.842	.846	.844	.853	.856	.864	.864	.874	.872	.8
15	.766	.744	.728	.704	.690	.682	.663	.656	.641	.628	.620	.607	.5
16	.599	.625	.639	.661	.664	.687	.697	.707	.717	.727	.754	.760	.7
17	.852	.856	.856	.866	.872	.885	.898	.912	.930	.938	.954	.959	.9
18	.983	.975	.967	.959	.947	.939	.937	.941	.942	.941	.941	.932	.9
19	.823	.810	.801	.797	.807	.813	.821	.832	.829	.829	.817	.803	.7
20	.385	.393	.398	.391	.399	.405	.381	.427	.477	.502	.536	.542	.5
21	.650	.668	.689	.698	.724	.740	.752	.776	.786	.790	.798	.788	.7
22	.909	.911	.911	.915	.927	.943	.951	.961	.965	.967	.972	.955	.9
23	.667	.673	.682	.697	.707	.729	.747	.769	.001	.829	.845	.865	.8
24	.813	.793	.769	.747	.745	.735	.731	.719	.717	.710	.703	.688	.6
25	.572	.558	.538	.528	.522	.509	.512	.514	.500	.502	.494	.484	.4
26	.322	.284	.253	.220	.210	.216	.228	.262	.311	.370	.427	.423	.4
27	.748	.753	.751	29.748	29.748	29.751	29.753	29.763	29.769	29.785	29.792	29.798	29.8
28	29.980	29.992	29.999	30.006	30.016	30.034	30.054	30.078	30.092	30.110	30.121	30.125	30.12
29													
30													
31													

DRY BULB THERMOMETER // FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	48.3	48.4	48.6	48.6	48.9	48.3	48.2	48.0	48.3	48.7	49.8	51.4	51.3	51.9	50.9	50.9	50.6	50.1	50.1	50.0	50.0	50.2	50.4	50.3
2	50.3	50.4	50.6	50.6	50.7	50.9	51.0	51.2	51.5	51.7	52.1	52.5	52.7	52.7	52.2	50.0	48.2	46.5	45.8	44.7	45.1	44.6	43.6	43.7
3	43.0	42.4	42.3	42.0	41.5	42.2	43.3	44.4	46.1	47.7	48.5	48.6	49.6	50.0	49.2	49.3	48.6	47.8	47.4	46.5	46.4	45.9	46.5	45.9
4	45.4	45.0	44.4	44.1	44.0	43.2	43.3	42.3	43.4	44.6	45.5	46.4	46.9	47.0	46.8	46.3	46.0	43.7	43.3	43.5	43.0	43.9	45.2	44.5
5	45.0	45.1	44.0	44.1	44.9	45.0	46.4	47.2	47.9	48.7	49.7	50.7	51.8	51.7	51.0	50.7	49.8	49.6	49.5	49.5	49.6	49.6	49.9	50.0
6	49.5	49.4	50.0	50.0	50.0	50.2	50.3	50.6	50.9	51.2	52.0	52.0	52.5	53.0	52.0	50.6	49.9	49.5	50.0	50.2	50.7	51.0	50.9	51.1
7	51.4	51.5	51.6	51.4	51.3	51.0	51.6	50.5	51.0	52.1	53.0	53.6	54.1	53.4	53.1	52.4	51.6	50.5	50.7	50.9	51.0	50.7	50.9	51.0
8	51.0	50.0	48.3	48.0	47.3	47.3	46.7	46.2	47.0	47.8	48.6	48.6	48.6	48.3	49.2	51.1	51.3	51.0	51.0	50.6	48.5	48.5	47.9	47.8
9	47.8	49.2	50.7	50.8	50.6	50.3	50.4	50.4	50.4	51.9	52.0	52.6	52.5	52.0	52.0	50.9	49.6	49.4	49.5	49.2	49.2	49.7	50.0	49.8
10	50.0	49.9	49.5	49.5	49.9	50.3	50.3	50.7	51.2	51.9	53.4	54.2	54.6	54.3	53.6	52.4	51.6	50.8	50.5	50.5	49.7	49.7	48.4	48.0
11	49.4	48.7	49.1	49.6	50.4	51.0	51.0	50.0	49.0	49.7	50.7	51.1	52.5	52.3	52.3	51.3	50.3	49.3	48.5	48.5	49.0	49.2	48.9	48.9
12	44.0	44.0	49.0	49.3	49.9	49.9	50.1	50.5	51.2	52.0	52.5	52.8	51.5	51.7	51.3	51.0	50.8	50.4	49.9	49.8	49.9	49.9	49.2	49.3
13	52.2	52.6	52.6	52.7	52.8	53.0	52.9	52.9	53.1	53.5	53.6	53.9	53.6	53.4	53.0	52.7	52.4	52.3	52.4	51.8	51.7	51.2	51.7	51.7
14	51.7	51.5	51.0	51.4	51.3	51.0	51.0	51.0	51.4	51.9	53.0	54.0	55.0	55.0	54.6	53.5	52.2	51.5	51.0	50.7	50.5	50.2	50.3	50.4
15	50.6	50.7	50.7	50.4	50.3	50.9	51.0	51.0	51.7	52.8	52.6	53.3	53.8	53.3	52.9	52.5	52.5	52.2	52.0	51.5	51.0	49.9	47.2	44.4
16	45.1	44.8	43.8	43.2	43.0	42.2	42.2	42.4	45.0	45.9	46.0	46.6	46.0	44.8	45.1	45.6	45.0	44.4	43.1	43.5	43.2	43.8	45.0	44.4
17	44.2	44.5	44.9	45.4	45.7	46.0	46.0	46.1	47.2	48.0	48.5	49.3	50.2	49.7	49.0	48.6	48.0	47.7	47.5	47.5	47.3	47.2	47.3	47.1
18	46.0	46.9	47.0	46.0	46.3	46.4	46.0	46.6	46.6	47.8	48.4	48.6	49.5	50.9	49.7	50.1	50.0	49.6	49.3	49.4	46.7	46.1	46.2	45.8
19	45.3	44.0	43.7	43.4	43.3	42.3	41.6	41.4	43.5	42.5	45.3	44.9	47.0	46.6	47.9	46.5	45.7	45.4	44.9	45.5	46.6	48.5	49.1	46.3
20	45.0	44.3	43.7	44.4	44.8	44.2	45.0	44.6	44.7	45.5	46.9	43.0	45.3	44.6	45.4	42.0	42.4	41.0	39.4	42.3	42.1	42.1	42.6	42.7
21	42.8	42.9	42.6	42.4	42.3	42.3	39.2	41.9	42.6	43.5	44.9	43.0	40.8	42.4	42.2	42.5	42.3	40.8	41.3	39.7	40.0	40.1	39.1	38.6
22	35.2	38.0	38.6	38.0	38.6	37.0	36.9	37.8	39.0	39.1	41.5	42.7	42.9	42.6	42.7	42.3	42.8	42.2	44.0	45.8	46.1	45.5	45.9	46.1
23	43.3	43.6	42.8	41.4	42.7	42.7	42.1	43.0	44.2	45.1	45.9	45.4	46.1	46.0	45.3	45.9	45.5	44.5	44.6	44.6	44.7	45.7	46.7	47.1
24	47.0	46.9	46.7	46.3	46.2	46.0	46.2	46.6	46.9	47.2	48.0	48.5	50.0	49.2	49.2	49.2	49.7	49.6	49.7	50.0	50.0	49.6	49.9	49.6
25	49.5	49.4	49.3	49.1	49.2	48.7	48.7	48.7	48.9	48.9	48.5	48.6	50.2	50.4	50.1	49.8	49.1	48.8	48.4	47.7	47.5	47.5	47.7	47.4
26	47.6	47.0	47.5	47.7	46.4	46.3	45.8	44.9	43.4	44.0	44.2	40.3	44.3	44.2	43.9	43.6	42.9	41.6	40.0	39.1	39.2	39.1	39.6	40.0
27	38.0	39.3	39.8	39.9	40.0	38.8	38.5	40.0	42.6	42.9	44.5	45.0	45.0	42.5	43.3	42.4	42.4	41.0	40.0	39.3	39.6	38.9	39.1	39.0
28	39.0	38.7	38.6	37.4	35.6	36.1	35.8	35.1	37.9	38.6	39.9	40.9	42.0	42.1	42.1	42.1	41.6	40.1	39.2	39.0	37.7	37.3	36.9	35.9
29																								
30																								
31																								

HOURLY VALUES *February 1877.*

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
880	29.880	29.878	29.894	29.905	29.903	29.905	29.895	29.890	29.897	29.898	1
727	744	781	827	875	903	925	941	959	981	30.011	2
973	29.955	29.941	29.934	29.934	29.937	29.939	29.935	29.933	29.931	29.931	3
133	30.142	30.144	30.162	30.174	30.186	30.190	30.190	30.190	30.190	30.190	4
106	100	100	106	106	113	114	122	126	128	133	5
071	073	069	069	085	085	082	080	077	077	079	6
052	30.051	30.057	30.059	30.057	30.051	30.047	30.047	032	019	015	7
013	29.997	29.977	29.969	29.969	29.969	29.978	29.993	30.007	30.017	30.021	8
992	995	984	968	970	965	963	955	29.950	29.938	29.932	9
884	888	886	886	896	891	884	868	848	828	814	10
836	843	848	850	860	856	852	844	840	806	796	11
657	665	681	689	687	687	678	675	661	647	633	12
674	686	714	722	736	770	790	794	800	828	844	13
848	840	834	830	832	834	826	820	814	804	778	14
567	542	523	505	513	519	517	519	529	553	584	15
746	750	756	774	786	29.805	29.822	838	847	845	848	16
961	963	971	971	989	30.003	30.001	999	997	987	989	17
885	867	857	839	832	29.829	29.832	842	843	841	835	18
747	721	693	673	627	585	517	459	409	380	375	19
504	487	484	494	497	508	507	528	560	592	622	20
787	786	793	803	825	838	844	861	871	879	897	21
912	885	862	825	799	759	703	671	659	655	657	22
869	867	863	875	879	885	885	881	863	843	829	23
648	622	620	602	596	594	591	586	580	576	578	24
454	458	443	446	436	436	422	416	402	384	356	25
520	545	585	611	645	676	703	717	729	733	741	26
808	29.810	29.820	29.839	29.868	29.892	29.914	29.928	29.946	29.954	29.967	27
132	30.125	30.129	30.137	30.144	30.155	30.173	30.179	30.184	30.182	30.167	28
											29
											30
											31

WET BULB THERMOMETER // FEET ABOVE GROUND.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
3	475	472	473	474	471	472	472	472	475	483	494	499	505	500	500	496	493	496	498	498	499	500	500	1
0	502	504	504	506	508	510	510	513	514	516	517	519	514	514	476	464	462	420	414	417	417	410	412	2
7	403	398	394	393	390	400	412	430	444	450	459	467	474	471	466	466	462	459	449	449	442	446	440	3
3	433	432	421	425	416	411	404	404	408	414	419	426	428	423	427	430	414	413	413	414	422	423	423	4
8	429	430	427	432	433	443	450	460	467	478	487	499	498	496	493	492	490	491	492	493	493	496	495	5
0	487	492	493	497	500	502	504	507	509	517	515	517	517	508	499	492	492	497	500	504	506	505	508	6
0	510	511	508	506	500	496	485	499	509	514	513	514	508	507	501	500	493	497	497	499	500	503	505	7
7	500	475	467	461	462	458	451	460	469	479	474	478	477	488	508	509	507	505	500	479	477	469	468	8
0	487	500	495	495	490	491	488	487	488	498	499	499	483	490	467	483	480	475	476	480	481	482	480	9
3	483	480	481	486	489	490	492	493	500	509	510	513	505	503	500	490	483	480	482	466	473	464	467	10
7	477	486	493	502	503	500	487	477	476	485	486	492	492	492	489	480	474	473	473	477	480	476	475	11
5	473	473	477	483	490	493	500	507	515	519	522	495	492	489	480	485	486	483	483	489	490	486	490	12
3	520	520	520	521	522	522	523	525	527	527	526	524	517	514	511	508	509	510	508	506	501	503	502	13
0	500	500	494	504	503	500	500	506	509	516	520	519	519	521	516	511	503	499	496	493	492	495	496	14
7	494	491	486	489	494	496	497	501	507	508	514	516	514	513	511	513	512	508	507	500	488	466	429	15
4	419	409	403	403	393	406	399	418	422	435	432	433	430	430	422	417	419	410	410	410	410	414	417	16
4	414	410	424	433	437	444	446	452	441	*	457	*	458	460	451	449	451	453	454	453	454	454	453	17
0	450	450	452	453	454	450	456	464	470	476	482	487	483	492	490	490	488	490	460	441	439	431	433	18
2	423	424	420	410	397	388	385	395	402	420	417	430	427	442	433	432	433	435	444	457	467	465	432	19
3	---	---	*	*	---	---	403	405	410	424	414	420	420	419	400	407	393	382	386	380	385	387	383	20
9	389	387	387	388	387	382	387	390	388	388	384	381	381	374	380	364	370	367	370	368	362	362	360	21
6	350	358	359	360	360	352	360	375	379	395	398	391	384	392	392	402	409	430	438	439	427	426	414	22
	407	403	389	397	397	394	404	404	409	420	415	422	422	426	430	426	414	413	420	427	444	457	459	23
7	455	454	450	450	445	444	449	451	450	456	463	475	477	472	479	484	484	483	484	483	479	479	478	24
6	475	477	478	477	474	474	470	473	470	475	461	472	470	470	464	457	457	457	454	453	456	453	455	25
7	453	450	451	449	430	424	410	400	406	406	389	408	392	390	389	380	373	367	364	363	362	363	368	26
8	370	370	373	372	370	366	377	392	393	402	408	406	396	402	394	391	375	365	356	362	362	364	354	27
3	351	347	337	328	330	328	322	340	342	350	359	364	369	373	372	369	358	352	348	349	344	340	332	28
																								29
																								30
																								31

Meteorological Office.

116, Victoria Street, Westminster. S. W.

ROBERT H. SCOTT, Director.

WIND

DIRECTION

IN NUMBERS

8-E	24-W
16-S	32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	25	24	25	23	25	18	24	12	24	13	25	14	24	12	25	14	24	17	25	15	23	16	23	18	22	14
2	19	16	18	16	19	17	19	21	19	20	19	24	19	27	19	26	18	26	18	26	19	32	19	38	19	41
3	25	13	24	14	24	16	24	16	24	10.5	23	16	23	17	21	18	20	17	20	23	20	29	19	32	20	34
4	24	20	24	18	24	18	25	24	26	20	26	22	26	20	26	18	27	15	26	15	26	23	26	20	26	21
5	22	9.5	20	10.5	21	10.5	20	13	19	12	19	8.5	19	10.5	19	13	19	15	19	20	19	23	19	23	19	20
6	21	17	20	15	20	18	20	21	20	16	19	18	20	18	20	19	19	17	21	19	20	22	20	23	21	26
7	21	23	21	25	21	26	21	23	21	21	22	19	23	16	22	14	23	20	22	21	23	25	23	26	23	1
8	24	17	25	20	30	22	30	11	29	6.5	29	6.5	29	5.5	26	6.5	23	6.5	23	5.5	19	8.5	18	9.5	19	1
9	23	13	23	18	24	28	24	29	24	29	24	30	24	31	24	29	24	30	24	30	24	33	24	31	24	26
10	23	22	23	23	22	23	22	21	23	20	24	24	24	21	24	25	24	30	24	29	24	32	24	27	24	29
11	20	27	19	28	19	29	21	29	22	24	24	24	25	25	25	23	25	19	25	26	25	24	24	21	25	26
12	20	24	20	28	19	21	19	24	19	26	20	32	20	30	19	33	21	34	21	26	22	29	23	27	25	26
13	23	29	23	34	23	35	23	37	23	37	23	41	23	41	23	39	23	40	23	42	23	42	23	41	23	46
14	24	17	24	22	24	14	23	16	23	16	23	16	22	17	22	16	21	17	21	17	21	22	21	20	21	22
15	17	22	17	24	17	26	17	24	17	24	18	24	17	23	17	22	17	26	17	25	17	27	17	24	17	29
16	28	18	27	19	27	18	27	13	26	15	27	13	27	12	26	17	27	15	26	18	25	19	25	21	24	18
17	27	18	28	17	28	20	28	18	28	19	28	20	27	20	28	19	28	20	27	21	27	20	26	24	27	23
18	24	10.5	23	11	23	10.5	23	11	23	11	23	10.5	23	10.5	23	7.5	22	10.5	22	8.5	*	*	*	*	20	*
19	25	17	25	15	26	15	27	15	27	16	27	12	27	14	26	13	26	19	26	16	25	23	25	25	25	28
20	27	4.5	27	4.6	26	4.8	26	4.8	26	4.7	26	5.2	27	5.3	28	5.1	27	4.4	27	4.4	27	3.9	27	4.2	27	3.9
21	30	39	30	37	29	36	29	34	30	32	30	30	30	30	30	33	30	32	30	32	30	36	29	36	31	28
22	32	10.5	32	9.5	32	12	32	12	32	10.5	32	6.5	32	4.5	32	4	31	13	1	11	32	13	28	17	27	20
23	31	37	30	39	32	35	31	33	31	32	31	30	31	33	31	30	31	29	1	29	30	32	31	23	30	24
24	27	15	27	15	27	16	27	15	28	15	28	16	27	16	27	19	27	23	27	21	26	24	26	25	26	29
25	26	26	26	24	26	27	25	27	25	29	25	28	26	26	26	31	25	30	25	34	25	38	26	32	25	40
26	23	36	24	41	24	42	23	40	25	42	26	41	26	39	26	44	28	36	28	31	29	34	30	26	28	25
27	24	16	25	15	25	15	25	16	25	12	25	15	25	16	25	16	26	20	27	24	27	24	26	25	27	24
28	31	7.5	31	5.5	30	10.5	30	10.5	30	6.5	30	6.5	30	7.5	31	6.5	31	8.5	31	10.5	32	10.5	32	8.5	6	6.5
29																										
30																										
31																										

RAINFALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET

HEIGHT ABOVE MEAN SEA LEVEL 16.7 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	0.05	-	-	-	0.05	0.10	0.05	0.05	-
2	-	0.05	-	0.05	-	-	0.05	0.05	0.40	-	-	-	0.30	0.10	0.70	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	0.05	0.05	0.05	0.10	-	0.15	-	-	-	-	-	0.25
4	-	-	0.15	0.10	0.05	0.35	0.45	-	-	-	-	-	-	-	-	-	-	0.05	-	-	-	-	-	0.05
5	-	-	0.20	-	-	-	-	-	-	-	-	0.10	-	-	-	0.05	0.05	0.05	-	0.05	0.05	0.10	0.20	-
6	-	0.05	-	0.05	0.10	0.10	0.20	0.15	0.15	0.25	-	-	0.05	0.05	-	-	-	-	-	0.05	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	0.05	-	0.05	-	0.05	-	-	-	-	-	0.35	0.40	0.30
8	0.20	0.05	0.05	-	-	-	-	-	-	-	-	0.10	0.05	0.10	0.25	0.20	0.10	-	0.30	0.25	0.10	-	-	0.05
9	-	-	0.10	0.05	-	-	-	-	-	-	-	-	-	-	-	0.05	0.05	0.05	0.05	-	-	-	-	0.05
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
11	-	0.35	0.95	0.45	0.30	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	0.25	0.90	0.60	1.05	0.70	0.10	0.25	0.10	-	-	0.05	-	-	0.05	0.05	0.10	0.25	0.45	0.15
13	0.55	0.15	-	0.05	0.20	-	-	0.10	0.15	-	-	-	-	-	-	-	-	-	0.05	-	-	-	0.05	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	-	-	-	-	0.05	0.10	0.15	0.15
16	-	-	-	-	-	-	-	-	-	-	-	0.05	0.35	0.45	-	-	-	0.10	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	-	0.05	-	0.10	-	0.05	0.05	-	-	-
19	-	0.05	0.15	0.05	-	-	-	-	-	0.05	0.05	0.30	-	-	-	-	-	0.25	0.20	0.35	0.20	-	-	0.75
20	-	-	-	-	-	-	-	0.05	-	0.05	-	0.20	-	0.25	0.65	0.40	0.45	0.35	0.40	-	-	0.05	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	0.10	-	-	0.05	0.10	0.20	-	0.05	-	0.05	0.15	-	-	-	-	0.10	0.10	0.05	0.05
23	0.05	-	0.05	0.30	-	-	-	-	-	-	-	-	-	-	0.05	-	-	-	-	0.05	-	-	0.15	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	-	0.10	0.05	-	-	0.05	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	0.10	0.05	-	-	0.05	-	-	-	-	-	-	-	-
26	0.05	0.30	-	0.05	0.10	-	-	-	-	-	-	0.15	0.15	-	-	-	-	-	-	-	-	-	-	0.05
27	0.05	-	-	-	-	0.05	0.10	-	-	-	-	-	-	0.05	0.05	0.05	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

HOURLY VALUES *February* 1877.

AND VELOCITY IN MILES PER HOUR

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
V	D	V	D	V	D	V	D	V	D	V	
15	22	19	22	22	21	20	21	19	20	17	1
38	22	34	25	41	24	27	24	19	24	21	2
31	20	32	21	30	21	29	22	24	23	18	3
19	26	17	26	12	25	9.5	25	10.5	25	11	4
23	19	23	20	22	20	19	20	20	20	20	5
27	21	25	21	27	21	27	20	21	20	22	6
24	23	23	23	21	22	23	21	23	21	23	7
7.5	13	5.5	23	16	23	17	23	15	23	16	8
25	23	27	23	21	24	22	23	23	24	22	9
28	24	20	22	15	23	16	23	15	22	16	10
22	25	19	25	22	25	20	24	17	24	14	11
30	25	28	25	22	23	15	23	17	23	16	12
45	24	48	25	40	24	36	23	28	24	25	13
22	21	20	20	19	21	18	21	20	20	14	14
25	17	24	17	23	18	24	19	24	20	21	15
19	27	16	29	18	28	10.5	28	10.5	27	11	16
22	27	18	27	17	28	11	28	9.5	27	8.5	17
19	20	17	20	18	20	11	26	14	27	21	18
30	24	28	23	30	23	22	23	21	23	23	19
38	27	39	27	29	27	29	27	38	28	39	20
31	29	30	30	33	31	26	30	19	31	18	21
20	28	20	28	15	27	19	26	20	26	23	22
24	31	20	30	22	30	18	30	16	30	12	23
25	25	32	25	28	26	30	26	27	26	30	24
40	26	37	26	37	25	34	25	33	25	31	25
23	29	27	29	24	29	19	29	13	28	10.5	26
22	30	21	28	19	29	21	30	19	31	15	27
4.5	30	7.5	31	7.5	1	7.5	4	10.5	5	8.5	28
											29
											30
											31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
317	307	310	309	308	312	314	311	314	320	328	342	349	349	349	342	341	349	356	356	356	356	357	1
361	363	363	368	370	374	371	376	376	376	373	375	370	369	300	270	235	227	225	226	234	228	231	2
227	218	214	217	205	212	224	243	254	259	278	286	295	298	286	293	293	291	279	280	272	266	266	3
260	265	245	255	245	233	230	219	215	218	219	226	229	222	235	244	235	237	235	242	240	237	245	4
250	265	258	258	260	267	273	286	294	308	319	336	334	338	334	342	340	344	346	348	348	351	348	5
335	339	342	353	358	362	361	367	368	380	375	373	366	356	351	340	346	353	358	362	364	362	368	6
368	369	364	360	348	328	317	346	357	358	347	343	337	339	333	340	337	345	342	346	352	357	361	7
353	322	302	297	299	297	287	298	310	325	312	322	323	340	368	367	366	361	353	326	321	308	307	8
337	352	338	341	331	333	325	323	319	330	325	327	294	310	317	322	317	304	310	319	316	314	312	9
318	316	319	325	329	331	331	328	336	340	332	336	320	322	330	315	308	304	309	281	297	291	302	10
319	334	348	361	356	348	327	315	304	314	312	310	312	312	317	306	304	311	311	315	319	313	311	11
305	305	311	318	335	341	355	363	375	378	383	330	319	317	299	313	320	318	320	333	335	335	344	12
380	380	378	380	380	381	384	388	387	386	378	377	360	358	354	350	354	355	359	355	348	347	344	13
342	348	328	354	356	348	348	359	359	363	360	347	347	356	357	361	350	346	342	337	337	344	345	14
334	329	320	329	334	338	341	342	343	348	354	353	354	356	357	362	363	356	360	348	330	308	258	15
237	224	219	221	210	224	219	229	230	255	241	250	255	252	232	227	238	233	229	232	226	222	234	16
227	215	238	253	259	274	277	277	245	*	268	*	264	276	260	261	269	276	278	278	282	280	281	17
276	275	292	290	292	287	294	298	305	317	321	317	321	338	334	340	339	343	302	266	261	248	253	18
250	256	251	231	217	207	203	202	224	231	228	233	231	248	245	251	256	265	280	296	297	286	245	19
...	...	*	*	...	...	208	209	210	223	242	229	237	228	225	235	221	218	197	189	198	196	189	20
196	196	198	201	199	195	194	196	193	205	194	206	188	190	176	187	172	178	170	189	185	184	185	21
173	183	183	185	182	187	192	209	215	221	214	200	191	204	208	221	241	265	263	262	243	237	221	22
222	223	210	213	213	213	223	211	211	226	221	228	229	242	245	241	227	224	237	251	277	295	295	23
288	288	283	285	276	272	278	278	273	276	288	298	312	301	317	323	324	321	319	317	312	308	311	24
305	311	316	312	311	311	301	306	299	316	282	289	282	285	276	269	272	275	276	276	283	274	282	25
282	269	269	280	241	235	215	211	216	214	221	217	190	189	190	182	181	184	187	184	184	181	186	26
196	191	195	193	201	197	202	205	203	205	211	207	213	216	210	206	189	181	172	176	186	187	171	27
169	163	157	157	157	156	150	158	155	157	164	165	172	178	176	175	168	165	161	174	169	166	162	28
																							29
																							30
																							31

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	12
1	29.405	29.410	29.418	29.432	29.446	29.463	29.475	29.498	29.506	29.510	29.516	29.517	29.517
2	.575	.575	.559	.549	.543	.527	.516	.493	.471	.449	.434	.397	.397
3	.612	.623	.630	.628	.617	.598	.586	.590	.582	.567	.546	.539	.539
4	.485	.483	.490	.491	.505	.530	.556	.591	.616	.649	.679	.712	.712
5	.833	.819	.801	.782	.772	.755	.749	.731	.727	.727	.724	.717	.717
6	.782	.783	.783	.774	.772	.775	.762	.759	.758	.739	.734	.719	.719
7	.569	.559	.553	.535	.521	.530	.541	.587	.611	.633	.648	.644	.644
8	.750	.747	.744	.741	.740	.729	.737	.746	.744	.744	.753	.746	.746
9	.654	.640	.629	.623	.617	.608	.611	.609	.607	.597	.600	.592	.592
10	.384	.366	.362	.355	.350	.354	.364	.377	.410	.433	.436	.454	.454
11	.384	.359	.309	.261	.238	.215	.206	.244	.280	.302	.309	.329	.329
12	.432	.414	.386	.346	.317	.268	.221	.172	.140	.115	.128	.150	.150
13	.208	.209	.210	.207	.207	.219	.224	.240	.245	.262	.268	.270	.270
14	.490	.493	.475	.470	.464	.461	.463	.463	.469	.475	.480	.485	.485
15	.461	.457	.453	.446	.435	.424	.408	.390	.389	.362	.342	.325	.325
16	.252	.264	.266	.261	.270	.267	.276	.289	.294	.305	.305	.330	.330
17	.424	.436	.450	.450	.452	.470	.473	.511	.526	.544	.572	.574	.574
18	.624	.601	.596	.590	.593	.585	.582	.588	.589	.588	.598	.587	.587
19	29.487	29.464	29.457	29.448	29.446	29.435	29.433	29.429	29.424	29.409	.376	.356	29.409
20	28.692	28.589	28.584	28.678	28.751	28.840	28.910	28.955	28.980	28.995	.004	.001	28.995
21	29.295	29.316	29.340	29.349	29.369	29.395	29.419	29.461	29.478	29.481	.500	.525	29.481
22	.727	.708	.722	.715	.723	.710	.689	.698	.671	.660	.626	.602	.602
23	.452	.469	.491	.504	.537	.552	.573	.587	.595	.606	.614	.610	.610
24	.395	29.372	29.350	29.324	29.296	29.278	29.263	29.244	29.222	29.214	29.199	29.181	29.181
25	29.036	28.997	28.962	28.947	28.928	28.889	28.882	28.898	28.918	28.931	28.931	28.935	28.935
26	28.745	28.712	28.688	28.682	28.738	28.804	28.860	28.921	28.969	29.036	29.090	29.140	29.140
27	29.393	29.381	29.349	29.299	29.265	29.307	29.356	29.401	29.428	.455	.467	.477	.477
28	29.676	29.693	29.705	29.724	29.735	29.758	29.786	29.803	29.828	29.857	29.860	29.881	29.881
29													
30													
31													

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	39.9	45.4	46.3	46.2	46.3	46.0	46.0	45.3	45.2	46.0	46.9	47.9	48.0	49.0	49.6	49.0	49.3	47.2	47.0	47.0	47.2	48.4	48.5	48.1
2	43.0	47.8	48.0	48.0	48.0	48.1	48.1	48.3	48.7	49.3	49.2	50.2	51.0	50.5	50.7	51.2	46.0	44.0	42.5	42.5	42.0	42.0	41.2	40.9
3	36.0	37.0	36.5	37.5	37.1	36.9	37.9	39.0	38.0	40.8	42.5	44.8	45.3	45.2	40.2	40.8	41.8	41.0	41.8	41.1	41.2	38.0	38.2	39.6
4	39.8	40.0	39.2	39.1	38.1	36.3	37.3	37.2	39.0	40.0	41.8	42.6	42.2	42.3	43.1	42.9	40.7	39.3	37.2	37.9	36.7	36.9	38.2	38.4
5	39.4	39.8	40.3	40.9	41.1	41.1	41.6	42.1	42.2	43.7	45.1	46.3	46.2	46.8	47.0	47.0	47.0	47.0	47.0	46.9	46.6	46.3	46.2	46.2
6	45.9	45.9	45.3	45.8	45.8	45.9	45.8	45.9	46.2	46.3	47.0	46.7	46.8	46.5	46.1	46.1	46.8	49.0	48.7	48.0	47.9	47.8	47.7	48.0
7	48.8	48.7	48.8	48.2	48.3	48.9	48.8	47.7	47.2	47.1	48.0	48.1	48.0	48.0	48.0	47.2	46.4	45.7	44.2	44.8	44.0	42.9	42.6	40.9
8	39.5	42.0	42.7	41.9	41.6	39.9	39.7	38.4	40.3	43.0	43.2	43.9	44.1	44.3	43.9	43.0	42.6	42.3	42.3	42.3	42.4	42.9	42.9	42.3
9	42.4	42.3	42.3	41.9	42.0	41.5	41.0	40.9	42.1	42.9	44.4	45.0	44.8	44.1	43.9	43.2	44.1	45.9	46.5	46.8	46.5	46.3	46.7	46.8
10	47.0	47.0	47.0	46.9	47.2	47.4	47.6	47.0	46.8	47.0	47.8	48.2	49.1	49.3	48.9	48.0	46.8	46.2	45.8	45.6	46.1	46.9	47.1	46.7
11	46.5	46.1	45.5	45.0	45.4	47.7	46.7	45.7	45.7	45.8	46.9	46.9	47.2	47.4	47.0	47.0	46.4	46.0	45.9	45.2	45.0	45.1	45.0	44.8
12	44.0	43.7	43.8	43.7	43.8	43.9	44.9	44.8	45.9	46.6	46.2	46.5	46.3	46.1	45.9	44.9	44.3	43.9	43.2	43.9	44.5	44.9	45.0	45.0
13	44.9	44.8	44.3	44.4	44.8	44.2	44.0	44.3	45.0	46.0	46.2	46.1	45.4	44.8	44.2	43.7	43.0	42.8	42.7	42.2	42.9	42.7	42.9	42.6
14	42.4	42.8	42.3	42.8	42.9	43.1	44.0	46.5	47.5	48.3	49.1	50.5	49.1	48.3	49.8	50.3	49.1	48.1	48.3	48.6	48.4	48.3	48.3	48.5
15	48.0	47.5	47.2	46.5	44.4	44.7	44.1	45.0	46.9	49.0	48.8	49.3	50.0	50.3	51.0	51.0	50.7	49.8	48.9	48.7	44.0	41.0	40.3	40.6
16	40.8	40.1	38.8	37.4	36.9	37.1	38.3	39.7	40.7	42.0	41.5	43.1	44.1	44.5	44.7	44.0	42.0	42.3	42.3	41.9	41.9	41.2	41.2	41.5
17	41.8	42.0	42.3	41.9	41.3	41.4	41.0	41.0	42.0	42.7	42.9	44.4	45.4	45.3	44.0	44.2	43.2	42.5	43.0	43.0	42.7	44.0	44.0	44.4
18	44.2	44.5	44.9	44.5	44.2	44.2	44.2	44.8	45.2	45.5	45.9	46.9	46.9	45.0	44.1	43.8	43.3	43.0	42.6	42.8	42.5	41.9	40.4	
19	38.9	38.0	38.6	38.2	37.8	37.2	36.2	37.0	38.0	38.3	40.8	40.5	39.0	38.9	38.3	39.0	38.0	36.9	38.3	37.3	34.9	35.7	40.0	39.1
20	36.5	36.1	35.1	36.2	36.2	37.3	37.9	37.4	37.1	38.8	40.4	41.4	41.9	41.0	41.7	40.5	39.1	38.6	38.2	37.3	37.9	37.8	37.2	37.0
21	37.5	37.6	37.1	36.9	36.9	36.5	36.1	35.0	36.9	36.9	37.2	37.6	38.4	39.0	39.2	38.9	38.4	38.0	37.4	36.7	35.7	35.0	33.5	34.0
22	32.8	32.0	30.0	30.0	31.0	29.5	30.0	30.7	32.2	34.0	35.4	36.3	37.4	36.1	37.3	40.1	41.1	41.0	40.4	38.2	38.9	38.6	38.2	38.0
23	37.5	36.5	37.6	38.3	38.8	38.5	38.8	38.9	39.5	40.5	42.1	43.8	43.5	43.6	44.2	43.1	41.8	40.5	40.0	41.0	40.3	40.6	43.2	42.9
24	42.8	42.9	42.4	42.9	43.2	44.0	44.2	44.7	45.0	45.6	45.3	45.8	46.2	46.8	46.6	46.2	45.5	45.6	44.5	44.2	43.9	43.7	43.5	43.5
25	43.3	43.0	43.0	43.4	43.1	43.6	44.0	42.8	42.5	42.7	43.1	41.8	42.0	40.8	42.6	40.7	40.3	39.8	39.0	38.8	37.3	34.3	33.2	33.8
26	33.0	33.0	33.0	32.7	32.2	32.8	32.0	31.9	31.9	33.2	34.9	35.1	36.0	36.9	37.5	36.8	36.7	35.9	34.8	33.0	31.0	29.9	29.1	28.2
27	27.9	28.1	29.3	30.1	33.6	31.0	27.9	28.4	28.2	29.5	29.8	30.1	30.2	30.0	29.8	29.8	29.0	26.8	24.9	24.3	24.3	25.4	25.9	25.4
28	25.2	25.6	25.8	25.1	25.5	25.6	25.9	26.9	28.1	29.1	29.5	30.8	30.9	30.9	32.0	32.0	31.4	29.5	26.0	25.3	23.3	23.1	21.8	21.0
29																								
30																								
31																								

HOURLY VALUES *February 1877.*

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.		DAY
29.519	29.517	29.528	29.533	29.538	29.549	29.551	29.553	29.571	29.573	29.577		1
.311	.272	.266	.303	.359	.394	.433	.466	.504	.546	.594		2
.509	.509	.514	.516	.523	.518	.513	.504	.514	.508	.497		3
.749	.762	.789	.801	.825	.832	.841	.849	.849	.851	.845		4
.710	.711	.715	.724	.736	.748	.757	.768	.774	.778	.785		5
.691	.678	.657	.654	.651	.643	.641	.620	.608	.591	.587		6
.644	.646	.652	.670	.681	.692	.708	.724	.722	.723	.738		7
.724	.705	.697	.699	.699	.691	.678	.674	.667	.667	.664		8
.570	.554	.527	.498	.484	.470	.460	.455	.420	.408	.394		9
.457	.459	.465	.480	.489	.477	.465	.455	.437	.421	.408		10
.336	.351	.379	.400	.423	.422	.410	.428	.444	.436	.434		11
.167	.189	.205	.220	.231	.232	.216	.219	.208	.209	.210		12
.287	.299	.319	.353	.384	.399	.423	.442	.452	.464	.483		13
.467	.477	.468	.466	.478	.476	.472	.468	.467	.472	.467		14
.266	.234	.199	.191	.187	.183	.180	.193	.226	.236	.247		15
.331	.330	.338	.348	.359	.359	.384	.385	.399	.397	.418		16
.589	.597	.605	.621	.629	.635	.652	.648	.640	.636	.635		17
.566	.567	.550	.548	.545	.542	29.535	29.534	29.520	29.507	29.501		18
29.304	29.262	.216	.171	.107	.049	28.953	28.862	28.789	28.759	28.731		19
28.985	28.988	.005	.026	.058	.096	29.136	29.173	29.211	29.238	29.271		20
29.535	29.538	.562	.584	.609	.633	.651	.682	.691	.701	.711		21
.503	.441	.395	.362	.369	.376	.393	.397	.413	.417	.437		22
.593	.582	.569	.558	.558	.549	.528	.508	.475	.430	.399		23
29.116	29.137	29.141	29.114	29.094	29.073	29.072	29.086	29.062	29.050	29.041		24
28.932	28.920	28.917	28.910	28.906	28.901	28.882	28.852	28.827	28.804	28.779		25
29.211	29.227	29.248	29.261	29.283	29.306	29.336	29.357	29.384	29.393	29.392		26
.510	.520	.535	.551	.580	.595	.617	.631	.644	.647	.665		27
29.886	29.904	29.917	29.930	29.938	29.952	29.961	29.970	29.966	29.965	29.964		28
												29
												30
												31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAY	
8.8	44.9	46.0	45.9	46.0	46.9	46.1	44.8	44.7	45.2	46.1	46.7	46.5	47.1	47.0	46.9	46.8	46.9	46.6	46.3	46.8	47.3	47.6	47.7	1	
7.9	47.8	47.4	47.7	47.7	47.8	47.7	47.8	48.0	48.3	48.3	49.0	49.8	49.7	49.9	50.0	44.0	41.0	39.2	39.1	38.8	37.6	37.0	36.9	2	
3.4	34.9	34.9	34.8	34.9	34.7	35.9	36.9	36.6	38.9	40.5	42.6	43.0	43.0	39.2	39.8	40.9	39.2	39.6	39.1	39.8	37.0	37.6	38.1	3	
8.2	38.4	37.2	36.9	35.4	35.0	35.7	35.9	37.3	38.2	39.0	39.7	39.5	40.2	40.1	40.0	35.3	37.9	36.1	36.8	35.8	36.0	37.7	37.4	4	
8.0	38.1	38.9	39.1	39.2	39.4	40.0	41.0	41.2	42.1	42.4	45.0	45.5	46.0	46.5	46.8	46.7	46.8	46.7	46.5	46.2	46.3	46.0	46.0	5	
5.9	45.9	45.3	45.8	45.5	45.9	45.6	45.9	46.0	46.3	47.0	48.2	48.1	47.9	47.7	47.8	47.9	47.8	47.3	47.0	46.8	46.9	47.0	47.3	6	
8.2	48.2	48.3	48.0	48.1	48.7	48.6	47.5	46.9	46.9	46.9	47.1	47.0	46.9	46.4	46.0	45.2	44.7	43.7	43.8	43.0	41.8	41.2	39.9	7	
8.9	40.9	41.6	40.3	39.8	38.2	38.0	37.5	39.0	40.9	40.9	41.2	40.8	40.3	40.1	39.9	40.8	40.2	40.9	40.4	40.1	40.3	39.8		8	
9.8	39.8	40.0	39.9	39.9	39.0	39.0	38.9	40.0	40.5	42.1	42.6	42.5	42.8	42.9	42.9	44.0	45.8	45.8	45.6	45.3	45.3	45.9	45.9	9	
6.2	46.3	46.3	46.7	46.8	47.0	47.0	46.3	46.1	46.0	46.0	46.2	46.4	46.8	46.3	46.2	45.9	45.6	45.5	45.2	45.8	46.0	46.5	45.9	10	
4.3	44.2	44.1	44.3	45.2	47.0	46.1	44.3	43.5	44.1	44.9	44.9	45.5	45.3	45.0	44.9	44.2	44.1	44.3	43.7	43.8	43.7	43.9	43.6	11	
3.1	43.1	43.2	42.9	43.3	43.2	44.1	44.2	45.5	46.5	44.1	43.3	43.0	43.3	43.1	42.3	42.2	41.9	42.1	41.7	42.6	42.5	43.1	43.1	12	
3.2	43.3	43.0	43.1	43.4	43.4	43.1	43.6	43.9	44.8	44.7	45.0	43.2	42.2	42.5	42.1	41.9	41.3	41.8	41.3	42.1	41.9	42.1	42.0	13	
2.0	42.1	41.9	42.1	42.5	43.0	43.9	46.3	47.2	47.1	47.1	48.0	48.1	47.9	48.6	48.3	47.3	47.1	46.9	47.2	46.8	46.5	46.5	47.0	14	
1.0	46.3	46.0	45.6	43.8	42.9	42.7	43.1	44.6	46.3	45.7	45.9	46.3	47.0	47.1	47.1	47.1	46.9	46.3	46.8	42.7	39.6	38.8	39.0	15	
9.0	37.2	36.8	35.1	34.8	35.3	36.3	37.9	39.0	40.0	40.1	41.1	41.8	41.3	41.4	41.0	39.9	39.9	39.8	39.5	40.0	39.5	40.0	40.1	16	
0.7	40.5	40.7	39.9	39.9	39.9	39.4	39.6	40.0	40.0	39.5	40.3	41.5	41.6	41.9	41.8	41.2	41.0	41.2	41.8	42.4	43.1	43.3	43.5	17	
3.9	44.0	44.2	43.9	43.8	43.8	44.0	44.1	44.4	45.0	45.0	46.5	46.5	46.9	43.9	42.0	42.9	42.9	42.4	42.1	42.3	42.1	41.6	39.0	18	
8.1	37.2	38.0	37.0	35.9	35.3	34.9	35.2	36.2	36.8	38.1	38.0	37.0	36.0	36.3	37.0	37.3	36.5	37.6	36.6	34.0	35.0	38.0	37.0	19	
5.0	35.4	34.5	34.8	34.7	35.0	35.2	33.9	34.1	35.8	36.6	37.1	37.9	38.0	39.0	37.3	36.8	35.9	35.0	34.4	34.3	34.2	33.9	33.6	20	
3.6	33.4	32.9	32.3	32.6	32.1	31.9	31.9	32.5	32.8	33.3	33.5	34.2	34.4	35.0	35.0	35.0	34.7	34.0	33.2	32.6	*	31.1	30.8	21	
9.8	29.1	28.1	28.2	29.2	28.1	28.5	28.8	30.1	31.1	31.7	32.2	34.1	35.4	36.7	39.5	39.9	38.9	37.7	35.8	35.7	34.9	34.5	34.6	22	
4.9	34.8	35.2	35.6	35.9	35.5	36.0	36.3	37.0	37.2	37.2	38.8	38.6	38.7	39.0	39.2	38.9	38.9	38.9	39.3	40.0	40.3	42.5	42.0	23	
1.8	41.9	42.0	42.2	43.0	43.8	44.0	44.0	44.2	44.7	44.7	45.1	45.6	46.0	45.2	44.1	43.2	42.8	42.5	42.3	41.9	41.7	41.5	41.2	24	
1.1	41.5	41.9	42.1	42.5	42.8	43.0	41.7	40.7	40.8	40.9	39.0	39.9	39.0	40.2	38.9	37.8	37.8	37.7	37.3	36.7	33.4	32.8	33.0	25	
2.3	32.3	32.6	32.2	32.0	*	30.1	29.6	29.6	---	*	---	---	---	---	33.5	32.1	32.9	33.0	33.2	*	28.6	27.0	26.6	26.1	26
6.1	26.5	27.5	28.1	*	*	25.6	26.0	25.3	27.0	26.0	*	*	*	24.7	24.8	23.8	23.0	21.6	22.0	22.4	21.9	22.4	22.9	27	
3.3	---	---	*	---	---	23.0	*	24.0	*	25.5	26.2	26.3	---	*	---	*	26.0	25.0	22.8	22.0	21.6	20.2	19.9	28	
																								29	
																								30	
																								31	

Meteorological Office,
116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT, Director.

WIND

DIRECTION IN NUMBERS

8-E 24-W
16-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	1	3	24	105	24	18	23	16	23	18	23	17	23	18	21	11	21	55	22	12	22	14	22	15	21	13
2	19	65	19	55	19	45	19	45	17	13	17	16	17	18	17	24	17	21	17	25	16	30	16	25	16	27
3	20	13	20	95	20	95	19	14	17	17	16	23	17	17	17	24	17	20	18	24	17	34	19	21	20	23
4	21	15	22	18	23	17	23	22	24	22	24	22	24	14	23	95	24	18	23	18	24	24	24	25	24	23
5	22	11	23	105	21	12	21	11	21	14	20	13	21	15	20	11	21	12	21	13	21	16	21	21	22	22
6	24	55	20	55	23	4	21	55	22	85	23	17	20	12	21	95	21	105	20	105	20	11	21	15	22	13
7	22	22	22	22	22	26	22	26	23	29	23	32	23	30	24	20	24	15	24	11	24	13	24	18	24	11
8	25	2	25	65	24	95	24	11	24	11	24	95	25	11	24	85	24	12	23	17	24	20	24	24	23	22
9	23	13	23	20	23	12	21	95	22	105	23	15	22	11	23	105	23	12	23	13	22	15	23	14	23	14
10	23	28	23	29	22	29	22	27	22	30	23	30	24	30	24	25	24	19	24	20	26	20	26	18	26	18
11	21	16	20	15	20	16	20	18	20	24	22	30	23	30	24	34	24	30	23	29	23	30	23	35	23	34
12	22	85	22	45	22	45	20	65	18	13	17	11	17	20	17	21	19	20	21	22	24	27	24	31	24	30
13	22	21	23	21	24	21	24	20	23	18	24	18	24	20	23	16	23	18	24	21	24	19	23	17	23	16
14	23	15	23	3	19	4	19	2	19	3	19	3	19	3	20	65	22	12	21	11	21	13	21	15	22	17
15	21	15	21	15	22	14	22	13	21	105	21	12	20	12	19	15	18	18	17	16	18	23	18	19	18	24
16	24	13	25	16	25	14	25	15	23	105	23	95	23	11	22	105	23	12	24	23	24	24	23	28	24	28
17	25	18	26	18	26	16	26	17	26	18	26	18	26	21	24	16	26	13	27	15	4	75	26	105	24	12
18	23	12	23	15	23	17	23	14	23	12	20	11	20	16	23	95	23	15	22	14	23	11	23	13	24	10
19	22	65	22	85	21	105	23	105	23	12	24	105	24	105	23	105	23	13	22	13	23	23	23	23	23	25
20	24	27	23	16	31	85	29	28	29	31	29	28	30	18	30	18	27	14	27	19	27	12	27	25	27	30
21	27	21	28	18	28	17	29	24	29	16	29	15	28	13	25	65	28	95	29	17	30	15	5	85	29	6
22	3	75	2	45	...	...	Direction NNE, Average velocity 3 miles	...	...	...	25	95	26	95	26	12	26	19	25	95	26	95	26	12	26	19
23	30	15	1	12	30	85	32	85	2	11	29	105	29	13	28	105	29	14	28	16	31	16	31	16	30	18
24	27	25	25	27	23	22	23	20	22	15	23	15	23	15	24	26	25	29	25	26	24	18	24	24	23	22
25	24	24	23	29	23	26	23	31	22	30	22	22	23	32	25	32	26	28	26	25	24	24	25	24	25	25
26	22	2	22	2	22	3	5	55	3	65	2	65	1	75	31	95	31	12	30	15	29	14	29	17	29	15
27	28	15	28	15	24	15	23	55	23	24	29	15	29	3	28	3	30	15	30	55	29	85	29	11	28	13
28	27	15	28	15	28	15	28	15	28	15	27	15	26	15	29	55	30	13	1	12	30	95	1	11	29	18
29																										
30	Note: From 10pm. 25th. - 1am. 26th; Mist 26th - 4 am. 27th; at 9am. 27th; and from 6pm. 27th oil in the bearings becoming congealed by frost.																									
31																										

RAINFALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET
HEIGHT ABOVE MEAN SEA LEVEL 377 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	
1	.060	.030	.030	.040	.040	.050	.030	.005	-	.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	.035	.035	.015	.010	.020	.040	.045	.030	.020	.015	-	-	-	-	-	.060	.040	.090	.005	-	-	-	-	.005	
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.080	.115	-	.005	-	-	-	.020	-	
4	-	-	.005	.030	.010	.005	.010	-	-	-	.005	-	-	-	-	-	-	-	-	-	-	.005	-	-	
5	-	-	-	.005	-	-	-	-	-	-	.005	-	-	-	-	.010	.005	-	-	.005	-	.002	-	-	
6	-	-	.002	.002	-	-	-	-	-	.005	.010	-	-	-	-	-	-	-	-	.005	.005	-	.047	.100	
7	.045	.140	.120	.005	.005	.005	.005	.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.028	.003	-	-	-	-	-	-	-	
10	.050	.100	.015	.010	.025	.010	.005	-	-	-	.005	-	-	-	-	-	.010	.002	.008	.020	.100	.035	.010	.010	
11	-	-	-	.040	.095	.010	.035	.020	-	.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	.075	.100	.055	.015	.015	.100	.110	.035	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	-	.015	-	.005	-	-	-	-	-	-	-	-	-	-	-	.008	.005	.005	-	-	-	-	-	-	
14	-	-	-	.010	.030	.045	.070	.010	-	-	-	-	-	-	-	.020	.005	.005	-	-	-	-	-	-	
15	-	-	-	-	-	-	-	-	-	.005	-	-	-	-	-	-	-	-	-	-	.110	.005	.010	-	
16	-	-	-	-	-	-	-	-	.005	-	-	-	-	-	-	-	-	-	-	-	.005	.005	.015	.015	
17	-	.005	.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.030	
18	.025	.030	.025	.010	.030	.010	-	.025	.035	.055	.030	.010	-	-	.045	.015	-	-	-	-	-	-	-	.015	
19	-	-	.015	-	-	-	.005	-	.012	-	.010	-	.040	-	.010	.010	.020	.065	.010	.040	.065	.060	.010	.020	
20	.025	.115	.025	.002	.007	.010	-	-	-	.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.010	.040	.055	.035	-	-	-	-	-	-	
23	-	-	-	-	-	.005	-	-	-	-	-	-	-	-	.010	.040	.055	.035	-	-	-	-	-	.010	.005
24	-	-	.025	.070	.040	.015	-	-	.009	.015	.010	.015	-	-	.005	-	.005	-	.005	.010	.006	-	.005	.005	
25	.003	.002	.007	.002	.003	.040	.050	.120	.040	.003	-	-	-	-	-	.010	.005	.005	.030	.020	.055	.085	.010	.005	
26	Snow and Rain measured at 10 am. = 35.2.																								
27	Snow measured at 10 am = 010.																								
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

HOURLY VALUES February 1877.

AND VELOCITY IN MILES PER HOUR

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
15	20	12	22	65	20	95	20	45	21	45	21	4	22	4	20	95	21	75	21	45									
34	16	35	18	30	21	32	21	30	21	29	22	21	22	21	22	20	23	26	23	23									
26	23	28	21	17	22	15	22	11	22	12	20	95	22	17	21	11	22	85	20	13									
27	24	22	24	18	24	15	21	65	23	11	23	105	20	55	21	95	22	85	22	95									
24	22	20	23	16	22	15	23	15	24	11	24	105	25	55	24	45	24	3	23	65									
22	22	15	23	85	22	65	22	105	22	85	21	95	21	105	20	95	21	16	22	20									
21	24	18	24	17	25	18	25	17	25	95	24	11	25	95	25	75	25	75	25	55									
28	22	24	23	20	23	18	23	14	22	13	22	15	22	12	23	13	23	14	23	105									
11	22	105	21	65	20	11	22	19	22	21	22	19	21	19	22	21	22	24	22	22									
15	25	13	24	12	24	105	24	75	*	65	*	65	*	85	22	13	21	15	21	15									
35	23	33	23	30	23	26	23	28	24	24	24	21	23	13	24	11	24	15	25	13									
36	24	30	24	28	24	23	23	21	23	12	23	17	23	18	22	22	23	23	23	20									
15	22	14	23	11	23	65	23	4	23	75	23	11	23	65	23	45	23	3	23	3									
25	22	21	22	24	22	20	21	14	20	12	20	105	19	75	20	85	20	105	21	17									
20	18	22	19	21	19	23	19	20	19	20	22	22	25	16	26	21	24	16	24	105									
30	25	30	24	25	24	20	22	20	25	21	20	12	21	17	23	20	25	25	25	22									
15	24	55	26	13	26	12	25	105	25	85	23	105	25	14	25	16	23	13	23	13									
11	25	95	27	55	23	45	23	45	23	55	23	65	22	85	23	65	22	85	23	95									
25	22	16	22	19	21	16	20	14	20	15	17	21	16	21	21	14	24	30	24	26									
26	27	22	27	20	26	14	28	14	28	13	28	75	28	105	28	15	29	14	29	16									
95	31	13	30	11	29	11	30	14	31	16	28	95	31	12	1	65	1	3	2	45									
16	24	13	26	20	26	19	28	15	28	15	1	85	30	105	32	15	29	20	30	19									
85	27	95	25	14	26	95	24	45	22	4	24	85	23	75	23	85	26	22	26	29									
28	24	26	24	19	22	15	23	27	24	32	25	32	24	24	24	24	24	29	23	26									
24	25	19	26	19	24	18	24	15	25	95	24	75	23	55	23	3	22	15	22	15									
12	26	11	27	12	25	11	25	15	25	75	25	65	30	95	30	85	30	55	28	15									
17	28	14	27	105	28	105	27	15	27	15	27	15	27	15	27	15	28	15	28	15									
19	29	65	30	4	30	4	30	2	30	15	30	15	30	15	30	15	30	15	30	15									
also from 6pm - Inst. 28th																													
on 28th, the instrument was probably stuck fast, owing to the																													

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT								
23	292	307	306	307	309	289	291	290	292	302	303	297	300	291	296	290	318	313	306	315	312	319	326							1
32	333	319	327	327	329	326	326	326	339	327	332	343	347	350	345	265	224	206	204	204	184	179	179							2
5	180	181	175	179	178	189	197	201	215	230	247	250	251	228	233	245	219	220	216	229	208	218	213							3
13	215	201	196	179	190	192	196	205	211	209	214	214	216	216	216	205	213	300	285	200	201	220	212							4
14	211	221	218	218	222	229	244	247	249	261	287	297	301	311	318	316	318	316	312	308	315	308	308							5
20	310	302	308	301	310	303	310	308	315	323	331	328	326	326	329	322	317	309	309	305	310	313	317							6
30	331	333	332	334	341	341	326	318	320	307	311	309	307	295	295	287	284	278	273	265	252	242	234							7
30	243	250	232	225	212	210	214	223	232	230	223	227	203	212	217	217	226	226	240	229	218	222	218							8
17	218	222	224	223	211	215	214	224	226	242	245	245	260	264	273	287	307	300	291	288	290	300	299							9
23	306	306	317	315	317	315	306	304	298	288	288	284	290	284	290	299	299	301	297	305	299	310	300							10
6	268	272	282	299	313	305	275	264	269	274	274	284	277	275	273	264	267	273	266	271	267	273	269							11
7	271	272	267	274	271	278	283	300	316	265	245	241	249	247	240	245	243	255	239	251	244	255	255							12
28	262	261	262	264	272	267	275	273	283	278	286	253	239	253	249	253	253	255	250	258	257	258	260							13
32	259	261	259	267	276	286	313	321	308	299	304	324	328	327	317	304	311	304	307	300	294	294	304							14
29	299	295	295	278	255	258	255	267	276	272	271	271	283	278	278	281	286	295	297	259	227	219	219							15
17	192	197	180	180	186	192	208	218	225	232	235	239	225	225	224	223	220	218	217	226	223	233	232							16
41	235	236	224	230	229	223	227	225	218	207	207	221	223	242	238	236	240	238	251	256	267	272	276							17
83	282	281	280	281	281	285	287	288	297	293	300	283	274	273	243	265	271	264	262	264	263	259	222							18
21	212	222	206	190	185	189	186	194	201	201	202	199	182	192	199	214	211	217	209	185	196	207	198							19
88	200	193	187	186	179	177	162	166	180	182	180	189	197	209	190	194	183	171	169	163	162	159								20
55	151	147	140	144	140	140	147	143	147	148	153	157	155	162	165	169	168	162	155	154	*	145	136							21
8	120	118	121	131	126	128	127	138	141	142	143	164	200	211	236	232	213	198	185	177	167	163	167							22
16	184	180	180	181	178	183	187	194	188	176	187	187	187	187	200	207	219	224	221	243	247	264	256							23
53	254	262	260	275	283	285	279	280	285	288	291	299	301	285	265	253	244	249	248	243	241	240	233							24
33	245	253	253	265	266	265	251	234	233	231	209	223	217	223	216	200	205	212	211	211	180	182	178							25
23	173	180	176	179	*	139	130	130	---	---	*	---	---	---	154	138	150	159	170	*	119	107	109							26
2	109	114	117	*	*	091	073	080	101	080	079	*	*	063	065	055	055	051	064	074	051	054	067							27
79	---	---	*	---	---	062	*	061	*	076	080	080	---	*	*	---	083	107	066	082	076	068	076							28
																														29
																														30
																														31

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON
1	29.873	29.874	29.879	29.886	29.900	29.915	29.929	29.940	29.961	29.976	29.988	29.992
2	30.084	30.083	30.081	30.080	30.073	30.066	30.063	30.066	30.058	30.052	30.049	30.034
3	.151	.170	.182	.194	.209	.217	.215	.228	.231	.232	.215	.197
4	.023	.017	.016	.015	.022	.019	.037	.057	.078	.109	.133	.148
5	.244	.340	.338	.335	.328	.328	.326	.325	.320	.316	.311	.299
6	.261	.259	.256	.257	.249	.255	.261	.270	.270	.268	.265	.257
7	.149	.147	.131	.123	.117	.120	.123	.123	.123	.121	.123	.126
8	.153	.150	.149	.149	.155	.154	.153	.168	.179	.188	.195	.188
9	30.138	30.136	30.117	30.113	30.101	30.097	30.090	30.086	30.080	30.071	30.057	30.052
10	29.937	29.925	29.909	29.893	29.878	29.870	29.873	29.872	29.878	29.873	29.891	29.907
11	.943	.933	.904	.882	.865	.837	.806	.791	.789	.806	.816	.821
12	.926	.923	.918	.893	.869	.865	.847	.823	.794	.746	.712	.680
13	.730	.732	.713	.702	.704	.696	.705	.712	.721	.734	.742	.745
14	29.924	.929	.926	.923	.927	.938	.947	.952	.974	.992	.992	.995
15	30.004	.996	.984	.974	.963	.958	.944	.937	.937	.920	.908	.880
16	29.674	.665	.651	.645	.689	.725	.743	.762	.785	.808	.815	.816
17	29.883	29.878	29.879	29.884	29.896	29.909	29.920	29.934	29.953	29.962	29.970	29.971
18	30.075	30.070	30.070	30.069	30.066	30.064	30.065	30.069	30.076	30.070	30.073	30.070
19	29.906	29.899	29.888	29.879	29.870	29.870	29.877	29.879	29.887	29.888	29.879	29.857
20	.210	.183	.169	.146	.105	.049	.037	.091	.146	.186	.241	.276
21	.569	.588	.615	29.641	29.669	29.684	29.706	29.737	29.751	29.767	29.783	29.791
22	.983	.988	.993	30.005	30.017	30.025	30.041	30.052	30.045	30.041	30.035	30.007
23	.681	.699	.713	29.746	29.777	29.808	29.837	29.873	29.891	29.908	29.922	29.927
24	.871	.839	.814	.775	.752	.735	.717	.692	.683	.665	.647	.637
25	.515	.506	.495	.481	.475	.465	.444	.427	.416	.407	.407	.405
26	.299	.265	.226	.190	.141	.113	.124	.137	.140	.266	.346	.402
27	29.820	29.827	29.828	29.822	29.816	29.804	29.802	29.785	29.778	29.777	29.806	29.836
28	30.059	30.069	30.078	30.082	30.091	30.095	30.122	30.145	30.156	30.179	30.191	30.205
29												
30												
31												

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	44.2	46.0	46.9	47.0	47.3	47.6	47.1	47.7	47.7	47.1	47.7	48.6	48.9	49.3	49.6	48.1	47.6	47.5	47.8	47.3	47.0	46.8	46.8	47.0
2	47.1	47.2	47.1	47.4	47.7	48.1	48.4	49.0	49.4	49.8	49.6	49.3	50.3	50.3	50.6	50.7	50.9	50.5	50.4	48.6	45.9	44.5	43.5	42.1
3	41.0	40.0	39.1	38.8	38.0	36.9	37.0	36.9	39.7	42.6	43.6	45.4	46.3	48.0	48.5	47.4	46.5	45.9	45.8	46.1	46.0	45.5	45.0	45.0
4	43.7	42.8	42.1	42.5	42.6	42.0	41.2	40.6	41.0	42.5	43.3	44.1	45.1	45.8	45.9	45.5	44.0	41.7	40.5	38.9	38.3	37.4	34.9	34.0
5	34.0	34.7	34.2	34.4	35.5	36.0	36.7	37.5	40.1	42.2	44.5	45.7	47.6	48.0	47.1	47.0	47.0	47.0	47.1	47.2	47.3	47.3	47.4	48.2
6	48.2	48.6	48.8	48.4	48.0	48.1	48.1	48.0	48.5	49.3	50.1	50.7	51.2	51.8	51.8	51.7	51.6	51.0	51.3	50.8	50.0	50.0	49.7	49.2
7	49.3	49.0	50.0	49.9	50.3	51.2	51.8	51.7	53.1	54.5	55.9	56.3	57.6	56.6	56.0	54.9	54.5	54.1	53.7	53.1	48.8	48.6	48.2	48.3
8	48.1	47.9	47.6	47.1	47.0	46.9	46.4	45.5	45.0	45.8	48.3	49.0	49.3	49.4	49.2	47.9	47.3	46.2	44.7	43.0	41.7	41.7	42.0	42.1
9	42.8	42.9	42.8	41.7	40.6	40.1	40.7	41.6	43.2	44.9	46.5	48.4	50.1	52.0	53.7	52.7	51.5	50.0	49.6	49.6	49.1	49.0	48.4	48.7
10	48.9	49.6	49.6	49.7	50.0	50.2	50.3	50.6	51.0	52.0	52.7	52.6	52.5	52.4	52.4	52.1	52.0	52.0	51.6	51.0	49.6	48.7	48.5	49.5
11	49.3	48.8	48.7	48.4	47.4	47.3	47.8	48.9	50.3	52.4	51.9	52.1	53.0	53.1	53.0	52.9	51.0	49.9	49.4	47.8	46.1	46.5	46.7	
12	46.3	46.8	46.8	46.9	47.0	47.1	47.4	47.1	47.2	47.8	48.8	49.9	51.6	53.0	54.3	50.8	49.8	48.6	47.9	46.6	46.9	46.6	46.6	46.0
13	47.0	47.1	46.5	46.2	46.9	47.0	47.1	47.0	48.1	49.3	50.3	50.0	50.0	49.4	49.7	49.6	47.0	45.4	44.3	44.1	45.0	45.0	45.1	45.2
14	45.1	45.3	46.0	46.7	47.6	49.1	50.6	51.2	50.3	52.1	52.1	52.7	53.0	53.5	53.7	53.3	52.5	51.6	51.7	51.1	51.0	50.5	49.3	48.6
15	47.7	47.1	47.7	47.9	47.9	47.2	47.3	48.2	49.4	49.4	49.7	49.8	50.3	50.2	50.0	49.6	49.3	49.3	49.1	48.2	48.1	47.9	48.7	49.0
16	48.8	48.9	49.0	49.8	42.2	42.1	42.0	41.0	41.7	42.5	44.1	45.9	46.5	46.0	46.2	47.3	45.4	43.6	42.0	41.8	39.8	38.5	38.5	40.0
17	40.9	41.1	40.8	39.7	40.9	41.2	41.8	42.2	43.5	44.1	44.6	45.8	48.3	47.4	47.1	47.0	46.0	43.7	42.3	41.1	40.9	41.0	41.3	42.3
18	43.0	43.0	42.9	42.8	42.9	42.6	42.6	42.8	43.9	46.5	47.8	48.0	48.0	47.9	47.2	47.1	47.1	47.0	46.8	46.6	46.6	46.7	46.9	46.6
19	46.0	45.3	44.4	43.9	43.0	42.1	41.0	41.0	42.4	43.2	43.1	44.2	45.0	45.6	46.0	44.6	43.3	42.8	41.0	41.1	42.1	42.8	42.5	43.1
20	43.2	41.3	40.0	38.9	39.3	38.0	40.0	40.6	37.0	38.6	41.9	43.4	44.9	44.8	44.6	44.0	42.2	40.1	39.0	38.6	37.9	37.6	37.3	37.6
21	37.3	37.3	37.6	37.7	37.1	37.7	37.8	37.4	39.0	39.9	40.7	41.2	41.9	41.8	41.5	41.4	41.0	40.6	40.1	40.1	38.6	38.0	38.6	37.5
22	37.5	37.0	37.3	37.4	37.1	36.5	34.9	34.9	35.5	36.2	39.1	39.6	39.4	39.6	39.2	39.1	39.0	38.0	35.8	35.8	36.7	38.0	39.4	39.8
23	39.1	38.0	38.1	38.2	36.9	35.5	35.6	36.6	37.9	39.0	40.6	42.8	42.4	41.9	42.3	42.2	41.9	41.7	41.0	40.2	38.0	37.8	37.3	38.0
24	38.9	39.0	39.7	39.4	40.2	41.0	42.0	42.9	43.0	44.8	48.6	49.4	50.1	50.4	50.3	49.8	49.0	48.6	48.0	47.1	47.7	47.6	48.1	47.4
25	47.0	46.5	46.5	46.7	45.3	45.0	46.2	46.8	48.0	49.2	50.0	50.8	51.7	51.8	51.7	49.6	48.8	48.0	47.1	46.6	46.9	46.2	46.1	46.1
26	45.2	44.6	44.8	45.1	45.1	45.5	44.2	43.4	44.5	34.4	36.9	38.6	39.8	40.3	41.2	41.0	40.3	38.4	37.2	36.0	34.5	34.2	33.1	33.4
27	34.6	33.7	33.1	33.1	33.2	33.1	33.1	33.7	37.0	38.2	38.0	38.1	38.8	36.6	35.0	34.5	33.8	33.0	31.9	30.7	30.1	30.0	29.0	28.4
28	28.0	28.0	27.9	27.5	27.8	27.6	27.4	28.1	30.1	32.0	34.3	35.7	36.7	37.7	38.6	37.0	36.3	35.0	33.1	32.1	31.5	31.0	30.0	29.4
29																								
30																								
31																								

HOURLY VALUES *February 1877.*

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.		DAY
0.002	30.015	30.023	30.024	30.032	30.041	30.062	30.063	30.070	30.072	30.073		1
9.994	29.972	29.970	29.954	29.947	29.942	29.988	029	058	099	128		2
0.147	30.129	30.113	30.101	30.095	30.083	30.067	057	049	043	034		3
.174	.196	.209	.231	.262	.283	.306	.322	.336	.347	.350		4
.277	.273	.259	.257	.255	.255	.259	.263	.260	.260	.261		5
.216	.206	.195	.189	.187	.190	.189	.191	.175	.167	.164		6
.096	.095	.100	.100	.101	.111	.125	.147	.161	.163	.155		7
.171	.170	.170	.163	.154	.153	30.154	30.159	30.151	30.147	30.144		8
0.010	30.001	30.002	30.002	30.007	30.002	29.992	29.990	29.976	29.966	29.957		9
9.903	29.907	29.909	29.919	29.937	29.938	.949	.958	.951	.954	.952		10
.832	.837	.853	.866	.891	.908	.913	.918	.911	.930	.931		11
.622	.623	.671	.694	.715	.728	.736	.743	.744	.744	.731		12
.720	.704	.707	.728	29.771	29.800	29.826	29.850	29.869	29.894	29.914		13
.991	.994	.992	.993	30.003	30.004	30.007	30.009	30.008	30.003	30.002		14
.833	.813	.793	.781	29.778	29.771	29.747	29.735	29.715	29.701	29.681		15
.821	.822	29.816	29.824	29.835	29.850	29.859	29.871	29.875	29.882	29.882		16
9.976	29.986	30.000	30.019	30.040	30.053	30.068	30.074	30.080	30.078	30.081		17
0.041	30.030	30.017	30.007	30.005	29.992	29.985	29.970	29.945	29.935	29.915		18
9.817	29.791	29.763	29.741	29.712	.672	.619	.554	.462	.359	.239		19
.326	.334	.342	.365	.387	.408	.429	.457	.487	.516	.539		20
.810	.819	.830	.851	.869	.880	.891	.912	.929	.944	.965		21
.942	.897	.862	.830	.799	.757	.708	.677	.655	.661	.674		22
.926	.927	.933	.935	.945	.949	.949	.937	.923	.904	.883		23
.602	.581	.565	.560	.551	.549	.544	.539	.539	.534	.531		24
.403	.396	.399	.401	.403	.402	.389	.382	.368	.353	.334		25
.506	.546	.600	.634	.689	.717	.741	.760	29.774	29.790	29.809		26
9.860	29.869	29.881	29.900	29.932	29.955	29.974	29.998	30.018	30.033	30.043		27
0.220	30.227	30.245	30.267	30.288	30.308	30.319	30.333	30.342	30.349	30.354		28
												29
												30
												31

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS	
43.8	45.4	46.1	46.3	46.7	46.8	46.3	46.6	46.5	46.2	46.5	46.5	46.6	46.6	46.6	46.1	46.0	46.1	46.2	46.0	45.8	46.0	46.0	46.1		1	
46.3	46.5	46.4	46.7	47.0	47.2	47.7	48.1	48.3	48.5	48.5	48.2	48.9	48.9	49.1	49.0	49.0	49.1	44.0	44.2	41.5	40.9	40.0		2		
9.4	38.4	38.1	37.3	37.0	35.9	36.4	36.1	38.0	40.1	41.0	41.6	42.1	43.0	43.6	43.2	43.3	43.1	43.7	44.0	44.2	44.1	43.7	43.5		3	
2.1	41.2	40.8	41.0	40.7	40.4	39.9	39.1	39.1	39.3	39.0	39.3	40.0	39.9	40.0	40.0	39.1	38.2	37.7	36.8	36.7	35.9	34.0	33.5		4	
3.0	34.2	33.8	34.0	35.0	35.3	36.1	36.9	39.1	40.4	42.2	43.4	44.2	44.7	44.9	46.1	45.2	45.3	45.6	45.8	46.0	46.0	46.0	46.4		5	
46.6	46.9	46.9	46.9	46.8	46.9	47.0	47.1	47.1	47.9	48.4	49.0	49.8	50.1	50.1	50.0	50.0	49.8	49.7	49.2	48.5	48.6	48.1	48.0		6	
8.0	47.6	48.2	48.3	48.7	49.3	49.8	49.9	50.3	51.2	51.8	51.3	51.1	51.2	51.3	51.6	51.0	50.4	50.0	50.0	47.4	47.5	47.6	47.8		7	
7.0	47.1	46.9	46.3	46.1	46.0	45.5	44.9	44.2	44.3	45.0	44.3	43.0	43.4	43.0	42.6	42.5	42.1	41.3	39.9	39.4	39.7	39.8	40.2		8	
0.9	40.8	40.1	40.2	39.9	39.6	39.8	40.2	41.8	43.0	44.8	46.3	47.9	49.1	50.0	49.6	48.8	47.5	47.0	46.5	46.1	46.5	46.8	46.9		9	
46.9	47.0	47.0	46.9	47.1	47.3	47.6	47.9	48.2	49.0	49.8	49.8	49.9	49.8	50.0	49.9	50.0	49.7	49.2	48.6	47.6	46.7	46.3	46.7		10	
46.1	45.9	45.5	45.6	45.9	46.0	46.5	47.3	48.5	48.8	46.0	47.0	46.6	46.1	46.5	47.1	46.4	46.3	46.1	45.4	44.7	44.0	44.3	44.7		11	
44.5	44.6	45.0	45.1	45.1	45.5	45.9	46.0	46.6	47.8	48.7	50.0	51.0	50.5	50.5	44.7	44.0	44.0	43.4	43.5	43.4	43.8	44.2	44.2		12	
44.1	44.1	44.5	44.7	45.1	45.6	45.7	45.8	46.5	47.3	48.0	48.3	48.8	48.7	49.0	49.0	46.0	44.3	43.4	43.3	44.0	44.3	44.5	44.4		13	
44.5	45.0	45.5	46.1	47.0	48.6	49.3	49.0	48.4	48.3	47.4	47.8	48.7	49.1	49.1	49.2	49.1	49.1	49.0	49.1	49.1	48.8	47.4	46.9		14	
46.2	46.1	46.6	46.8	46.8	46.2	46.3	47.0	47.7	46.6	46.4	46.4	47.0	46.8	46.7	46.6	46.2	46.0	46.1	46.0	46.0	45.8	46.0	46.6		15	
47.6	48.0	47.9	48.1	40.0	39.8	39.2	39.0	38.9	39.0	39.5	40.8	41.0	40.7	41.1	41.4	40.0	39.9	39.4	38.3	38.1	37.2	37.0	38.0		16	
8.6	38.8	38.5	37.7	38.3	38.8	39.1	39.3	40.1	40.8	41.1	41.9	43.0	42.8	42.1	42.2	40.9	40.0	39.3	38.9	39.2	39.4	39.6	40.1		17	
0.8	41.3	41.7	41.8	41.9	41.8	41.8	41.8	42.5	44.6	45.4	45.8	46.1	46.5	46.4	46.3	46.4	46.1	45.9	45.6	45.5	45.6	45.6	45.6		18	
25.0	43.7	43.1	42.8	41.9	40.7	40.0	40.0	40.5	40.4	37.7	38.6	38.8	39.3	39.6	39.1	38.9	38.6	38.0	38.1	39.0	40.0	41.0	41.5		19	
4.1	38.1	36.5	35.9	36.0	36.3	37.0	37.1	35.7	36.8	37.3	37.6	39.2	39.6	38.3	38.3	38.6	38.2	37.1	36.2	36.1	36.0	35.5	35.1	35.0		20
4.6	34.5	34.8	34.9	34.0	34.4	34.3	34.0	34.9	35.6	36.0	36.7	36.7	36.8	36.9	36.8	36.7	36.9	36.5	36.2	35.5	35.7	36.2	35.7		21	
6.8	35.2	35.9	36.0	35.5	34.8	33.3	33.0	33.2	33.8	35.0	34.9	35.0	35.3	35.0	35.2	35.1	34.8	34.7	35.0	35.9	37.0	37.2	37.2		22	
6.4	36.1	36.2	36.1	35.9	35.7	35.7	34.5	35.2	35.3	36.0	37.4	36.6	37.4	37.6	38.0	38.3	38.8	38.6	38.1	37.0	36.7	36.4	36.8		23	
7.1	37.3	38.0	38.1	38.7	39.4	40.4	41.0	41.8	43.0	45.1	45.9	46.2	46.1	46.7	46.6	46.1	46.0	45.8	45.2	45.0	44.2	44.1	43.7		24	
2.1	43.2	42.5	42.1	42.5	42.3	42.9	43.5	45.0	45.8	46.2	46.7	47.3	46.9	47.0	46.0	45.3	45.0	44.1	43.6	43.7	43.0	43.0	42.6		25	
3.0	42.0	42.0	42.3	42.8	42.1	38.8	39.0	39.3	33.6	35.1	35.9	35.6	36.0	36.2	36.1	35.0	33.4	33.1	32.8	32.5	32.3	31.1	31.2		26	
2.1	32.3	31.5	31.8	32.0	32.0	32.1	32.2	34.0	35.0	33.5	31.6	32.0	31.1	30.0	29.3	28.0	27.1	---	---	*	*	---	---		27	
--	---	*	---	---	25.7	---	*	---	27.0	29.3	31.5	31.2	*	33.1	31.8	---	---	*	---	---	28.2	27.7	27.0		28	
																									29	
																									30	
																									31	

KEW

OBSERVATORY

LAT: 51°28' N

LONG: 0°10' W.

WIND

DIRECTION IN NUMBERS

8-E 24-W
16-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D		
1	21	7.5	22	6.5	24	9.5	24	9.5	24	6.5	24	5.5	22	6.5	22	8.5	23	7.5	22	6.5	21	6.5	21	6.5	22
2	20	6.5	20	7.5	20	5.5	20	8.5	20	7.5	20	10.5	19	9.5	19	10.5	20	13	19	16	19	18	18	18	18
3	21	8.5	21	7.5	21	10.5	21	6.5	21	6.5	21	4.5	21	5.5	21	7.5	20	12	20	13	20	13	21	16	20
4	21	12	21	12	21	9.5	22	7.5	22	11	22	10.5	22	9.5	23	9.5	23	9.5	26	19	25	18	25	17	26
5	20	6.5	20	5.5	20	5.5	20	4	20	4.5	20	4.5	20	4.5	20	6.5	20	9.5	20	15	20	15	20	15	21
6	22	12	22	9.5	22	10.5	22	11	22	12	22	11	22	11	21	8.5	21	9.5	20	13	20	10.5	20	13	20
7	22	16	22	13	22	18	22	15	22	13	21	13	21	15	21	15	22	15	23	17	23	18	23	20	23
8	24	4.5	24	3	24	3	24	2	24	2	24	2	24	2	24	2	24	4	24	6.5	25	10.5	27	11	24
9	22	3	22	4.5	22	5.5	22	4	22	4.5	22	4.5	21	8.5	21	6.5	21	6.5	22	9.5	22	6.5	24	10.5	23
10	22	13	23	15	23	15	23	16	23	20	23	18	23	17	23	19	24	19	24	21	24	19	24	15	25
11	22	15	22	13	21	16	21	19	21	14	21	17	21	22	21	20	22	20	23	23	26	27	25	20	25
12	21	10.5	21	12	21	11	21	11	20	12	20	13	20	14	20	15	19	18	19	22	19	23	20	24	21
13	23	14	23	15	22	10.5	21	12	23	10.5	22	10.5	22	8.5	22	7.5	22	6.5	22	10.5	22	10.5	22	10.5	21
14	4	2	4	4	12	5.5	15	3	18	5.5	21	8.5	23	13	24	13	22	10.5	23	12	24	13	23	10.5	22
15	20	9.5	20	10.5	20	9.5	20	7.5	20	8.5	19	4.5	19	6.5	18	10.5	19	12	19	17	19	16	19	19	19
16	18	17	20	10.5	19	12	21	17	28	17	28	8.5	27	8.5	25	9.5	24	13	25	17	24	17	24	17	26
17	25	8.5	25	11	24	9.5	24	6.5	24	8.5	24	8.5	24	9.5	24	11	24	13	25	16	26	15	27	17	27
18	25	7.5	24	5.5	24	6.5	22	6.5	22	6.5	22	5.5	22	5.5	22	8.5	22	7.5	22	10.5	22	9.5	23	10.5	22
19	22	8.5	25	8.5	25	5.5	24	4.5	24	6.5	24	5.5	24	7.5	24	4.5	24	10.5	26	13	27	17	25	16	25
20	24	20	25	25	25	24	24	21	23	25	23	24	26	33	28	31	28	31	28	32	29	36	29	37	29
21	29	18	30	17	30	20	30	17	29	13	29	13	29	16	30	15	30	19	30	22	31	24	30	20	31
22	32	12	32	13	32	11	32	10.5	32	13	32	11	32	8.5	32	11	31	11	29	6.5	28	13	29	10.5	27
23	31	20	32	18	32	15	1	20	4	16	2	10.5	1	10.5	32	13	32	17	32	15	32	20	2	16	32
24	25	5.5	23	8.5	23	6.5	22	9.5	22	9.5	22	8.5	23	11	23	14	23	12	24	14	26	18	25	19	26
25	24	11	23	11	24	11	23	13	22	10.5	22	11	22	14	22	17	23	20	23	20	23	20	24	23	25
26	22	20	22	19	21	20	21	20	21	24	23	27	24	30	25	25	24	28	32	21	32	25	30	21	30
27	26	5.5	26	4.5	24	5.5	24	7.5	24	6.5	24	5.5	22	6.5	21	12	23	17	26	21	28	24	31	20	29
28	28	9.5	28	8.5	28	7.5	27	9.5	27	9.5	27	10.5	27	12	28	15	29	18	29	20	29	17	30	18	31
29																									
30																									
31																									

RAINFALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET
HEIGHT ABOVE MEAN SEA LEVEL 20 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.010	.005	-	-	-	-	-	-	-	-	.005	-	-	-	-	-	-	-	.015	.035	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	.010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.005	.015	.005	-
8	.005	.001	.001	.001	.001	.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	.025	.045	.010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	.085	.065	.075	.075	.020	.005	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	.005	.030	.085	.060	.045	.090	.010	.015	.010	.005	-	-	-
14	.005	.025	.025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	.025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	.005	.005	-	-	-	-	-	-	-	-	-	-	-	-	.015	.035	.015	.025	.010	-	-	-	.020
19	.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.050
20	.090	-	-	-	.010	.020	-	.025	.085	-	-	-	-	-	-	.005	.020	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.022	.018	.030	.010	-	-
23	-	.015	.003	-	-	-	-	-	-	.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	.025	-	.055	.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Record defective or Instrument out of action. * Obtained from reading of Standard

HOURLY VALUES

February 1877.

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT.		DAY
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
22	5.5	22	5.5	22	5.5	20	6.5	20	6.5	21	7.5	21	7.5	21	7.5	20	8.5	20	9.5	20	9.5	1
18	18	19	17	19	23	19	26	19	24	19	23	24	20	24	15	23	10.5	22	10.5	21	10.5	2
20	22	20	19	19	21	19	21	19	21	19	21	19	20	20	18	20	13	20	12	21	12	3
27	19	27	17	27	15	26	10.5	26	6.5	25	6.5	24	4.5	19	7.5	20	5.5	20	4.5	20	3	4
20	19	20	15	20	15	20	15	20	15	20	14	21	14	21	13	21	13	21	13	22	12	5
21	16	21	13	20	15	21	15	20	15	22	14	21	13	21	13	22	10.5	22	13	22	13	6
23	20	23	20	24	20	24	20	24	22	24	18	24	16	31	3	31	2	30	3	25	4.5	7
24	15	24	13	26	8.5	24	9.5	22	8.5	22	6.5	23	6.5	23	5.5	22	4.5	22	4.5	22	5.5	8
24	16	24	18	25	19	24	17	24	13	24	14	24	17	24	14	22	13	21	13	22	12	9
25	18	25	14	24	11	24	12	24	12	24	12	24	12	22	12	22	10.5	22	10.5	22	15	10
25	26	24	23	23	17	24	14	23	12	23	12	22	12	23	10.5	23	9.5	22	12	22	12	11
20	20	23	23	26	23	26	19	25	10.5	25	11	23	9.5	24	13	23	9.5	22	13	22	14	12
21	5.5	21	4	21	4	1	8.5	4	8.5	4	5.5	4	3	4	1.5	4	3	4	4.5	4	3	13
22	10.5	23	11	23	8.5	23	4.5	22	6.5	22	7.5	21	10.5	20	10.5	21	8.5	19	8.5	20	8.5	14
20	17	19	15	19	11	18	15	18	10.5	19	13	18	12	18	18	18	17	18	17	18	17	15
25	13	26	10.5	26	10.5	25	11	25	4.5	23	7.5	22	6.5	22	8.5	22	5.5	22	8.5	22	8.5	16
27	15	27	16	27	12	27	11	26	6.5	26	5.5	26	4.5	26	4.5	26	4.5	26	4.5	26	4.5	17
21	11	21	10.5	21	8.5	20	10.5	20	10.5	20	14	20	10.5	20	12	19	15	20	12	21	10.5	18
25	16	25	15	23	13	26	11	22	13	21	12	20	17	20	20	19	26	19	27	20	25	19
28	33	28	26	28	25	28	20	27	15	28	14	28	15	28	13	28	13	28	13	29	13	20
2	17	30	17	31	14	30	16	30	13	30	11	30	14	30	14	31	17	32	14	32	12	21
6	14	25	13	26	11	26	10.5	26	12	24	8.5	22	8.5	23	6.5	26	10.5	31	17	31	18	22
2	10.5	32	10.5	31	10.5	30	4.5	29	6.5	29	5.5	29	3	29	4	28	4.5	27	4.5	25	6.5	23
5	20	25	15	24	15	23	12	23	14	23	13	24	15	24	17	24	13	24	15	25	11	24
24	25	24	23	24	24	24	21	24	20	24	16	24	16	23	15	23	16	24	16	22	17	25
1	21	30	20	30	20	29	14	30	9.5	28	8.5	28	6.5	27	4.5	23	5.5	23	7.5	23	7.5	26
0	21	29	15	29	14	31	17	30	15	29	14	29	15	29	9.5	28	12	29	9.5	29	7.5	27
0	15	30	11	31	13	31	10.5	30	9.5	31	7.5	31	4.5	31	6.5	31	5.5	31	4	31	3	28
																						29
																						30
																						31

VAPOUR TENSION. IN INCHES, BY GLAISHERS' TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
281	297	302	306	312	310	305	303	301	302	301	291	288	286	282	286	290	294	293	294	293	301	301	301	1
05	308	307	310	313	313	322	325	325	325	327	323	329	329	330	326	324	329	333	338	230	229	227	224	2
23	215	216	207	208	199	208	203	210	221	228	222	224	224	232	233	245	247	261	264	269	272	268	264	3
49	240	240	240	232	233	231	221	217	207	194	192	196	189	191	194	190	195	197	196	200	194	185	186	4
76	192	190	191	199	199	206	212	227	231	243	255	251	257	272	277	280	282	288	291	294	294	293	293	5
97	300	302	303	304	306	308	312	306	316	318	326	340	341	341	339	340	343	337	330	322	324	316	319	6
18	312	314	318	324	328	333	337	329	335	336	320	302	314	324	340	330	319	314	321	310	315	322	326	7
28	313	313	305	301	299	294	291	280	274	261	241	214	220	215	218	221	226	223	213	217	223	221	228	8
34	231	219	232	238	238	235	233	249	254	270	288	306	313	314	317	312	298	291	280	277	287	300	299	9
97	291	291	288	288	291	297	301	304	310	321	322	327	325	330	332	335	328	320	313	305	294	288	286	10
75	276	268	273	291	294	300	306	319	301	247	265	249	239	248	260	263	272	274	274	268	264	266	272	11
22	268	277	278	277	276	282	295	295	302	320	328	340	347	320	233	228	238	233	248	242	254	262	258	12
55	254	270	278	278	289	290	293	296	301	306	317	329	335	338	340	298	278	270	271	275	282	286	283	13
86	295	299	305	315	337	335	320	316	293	273	276	292	296	293	300	307	318	314	325	326	324	304	300	14
74	300	303	305	305	300	302	307	310	285	277	275	283	280	280	282	277	273	277	283	284	282	279	289	15
15	323	320	315	223	220	211	215	207	202	196	205	202	202	207	202	194	207	214	196	211	208	204	207	16
09	210	208	205	203	210	211	210	212	219	220	225	222	220	215	218	205	208	212	212	220	223	224	224	17
30	240	250	253	254	256	256	263	256	272	274	281	287	298	305	305	307	301	299	294	292	293	290	294	18
87	265	262	262	253	238	235	235	231	221	176	181	178	182	184	186	192	193	197	198	206	217	240	244	19
15	197	181	180	178	195	189	186	195	199	180	171	185	176	173	182	191	190	185	187	191	186	181	177	20
73	171	174	174	164	166	164	162	163	167	166	174	171	172	176	175	175	181	180	174	177	185	189	190	21
12	186	195	196	190	184	171	165	165	170	163	158	161	164	162	166	166	170	190	185	202	208	199	195	22
37	192	193	190	199	174	173	178	177	169	167	174	165	181	181	188	196	206	208	207	208	205	205	204	23
02	205	210	216	218	223	233	235	251	255	261	270	268	263	277	280	278	280	281	279	267	251	244	243	24
16	243	230	219	241	239	240	245	263	270	269	272	275	266	269	269	263	263	254	250	248	242	243	235	25
51	237	235	238	248	231	184	193	190	183	185	183	168	170	166	151	154	145	150	155	161	160	148	147	26
53	165	156	162	165	166	168	163	165	171	150	122	123	124	118	111	096	086	*	*	*	*	*	*	27
	*	*	*	*	099	*	*	*	087	112	137	125	*	139	131	*	*	*	*	*	111	110	102	28
																								29
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Meteorological Office.

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ROBERT H. SCOTT, Director.

